

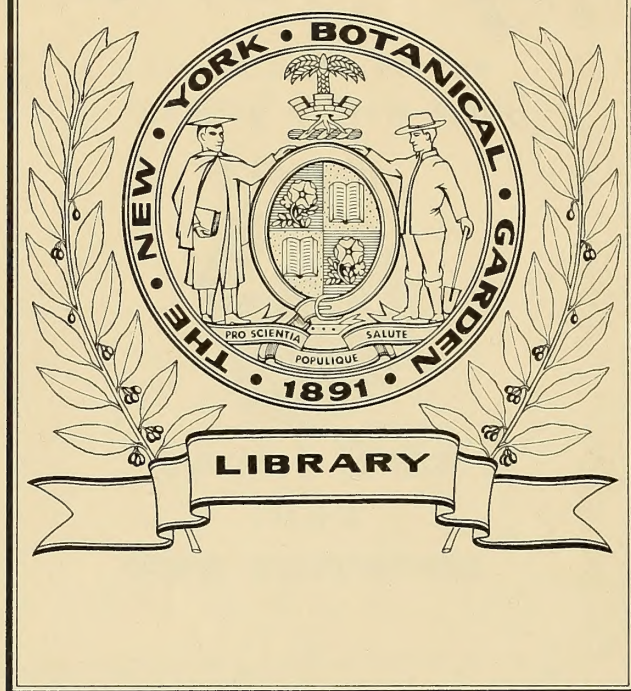
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FLORA PHILADELPHICA



PRODROMUS OF THE FLORA PHILADELPHICA



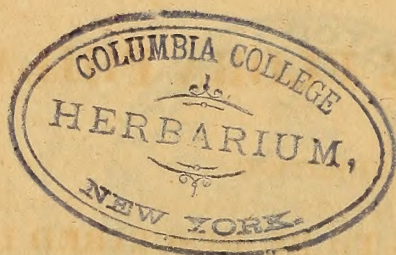
BY WILLIAM F. C. BARTRON, M. D.



To his Excellency  
James Monroe Esqr

President of the United States,  
with the greatest respect and consideration  
of the Author

Phila. Nov. 15. 1857.



John Cassin

August 21<sup>st</sup> 1858,

Philadelphia.



# FLORÆ PHILADELPHICÆ

## PRODROMUS;

Plantarum quæ hactenus exploratæ fuere, quæque in ipso opere  
ulterius describentur,

EXHIBENS ENUMERATIONEM:

OR,

## PRODROMUS OF THE FLORA PHILADELPHICA;

EXHIBITING

A LIST OF ALL THE PLANTS TO BE DESCRIBED IN THAT WORK,

WHICH HAVE AS YET BEEN COLLECTED.

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SIMUL ET JUCUNDA ET IDONEA DICERE VITAE.—HORACE.

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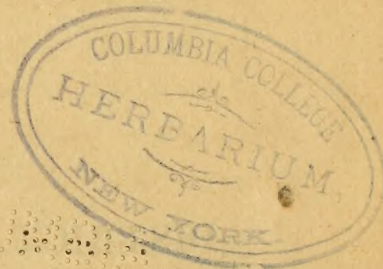
BY WILLIAM P. C. BARTON, M. D.

FELLOW OF THE COLLEGE OF PHYSICIANS OF PHILADELPHIA; MEMBER OF THE AMERICAN  
PHILOSOPHICAL SOCIETY, &c.

PHILADELPHIA:

PRINTED FOR THE AUTHOR BY J. MAXWELL.

1815.





## DISTRICT OF PENNSYLVANIA, TO WIT:

BE IT REMEMBERED, That on the second day of October, in the fortieth year of the Independence of the United States of America, A. D. 1815, William P. C. Barton, of the said district, hath deposited in this office, the title of a book, the right whereof he claims as author, in the words following to wit:

L. S. "Floræ Philadelphicæ Prodromus; Plantarum quæ hactenus exploratæ fuere, quæque in ipso opere ulterius describentur, exhibens enumerationem: or, Prodromus of the Flora Philadelphica; exhibiting a list of all the plants to be described in that work, which have as yet been collected. Simul et jucunda et idonea dicere vitæ. Horace. By William P. C. Barton, M. D. Fellow of the College of Physicians of Philadelphia; member of the American Philosophical Society, &c.

In conformity to the Act of the Congress of the United States, intituled "An Act for the encouragement of learning, by securing the copies of maps, charts, and books, to the authors and proprietors of such copies during the times therein mentioned." And also to the Act, entitled "An Act supplementary to an Act, entitled, "An Act for the encouragement of learning, by securing the copies of maps, charts, and books, to the authors and proprietors of such copies during the times therein mentioned," and extending the benefits thereof to the arts of designing, engraving, and etching historical and other prints."

J. CALDWELL, Clerk of the District of Pennsylvania.

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Printed for the Author, and to be had only of him No. 222, Walnut-street, and at the Pennsylvania Hospital. [REDACTED]



22 May 96 Jms

## PREFACE.

THE zeal for the cultivation of botany which is now so prevalent among the citizens of Philadelphia, as well as the medical class of the University,\* renders a BOTANICAL VADE MECUM for those who attend to this pursuit, a *desideratum*. The following pages may serve that purpose. They are therefore given to the publick with a wish that they were better, and a belief that, even as they are, they will be useful. They contain a catalogue of about four hundred and fifty genera of plants, collected within ten miles around Philadelphia. Of this number four hundred are indigenous, and the rest are either naturalized or so commonly cultivated among us, that it has been deemed expedient to introduce them into this PRODROMUS. They will, of conse-

\* While every votary of this delightful science must view with satisfaction, the augmented train which courts its charms, let it not be forgotten that in this great city, now the emporium of the sciences and arts of Northern America, scarce a quarter of a century has elapsed since botany may be said to have been known by name alone. To Professor Barton, who kept alive, cherished, and increased to a bright flame, a little spark of botanick fire, is certainly to be attributed the present conspicuous predilection for the study of this alluring science in Philadelphia. As early as the year 1789, Dr. Barton was appointed Professor of Natural History and Botany in the College of Philadelphia, and in 1791, on the union of the College with the University of Pennsylvania, the trustees of the united institution confirmed the former appointment. Some courses of lectures on botany had been delivered in the College of Philadelphia, prior to the year 1789, by Dr. Adam Kuhn, who in his youth enjoyed the peculiar felicity of having been a pupil of Linnæus. Hence the germ of that love for botany, which was nurtured and expanded by an unremitting zeal, continued in despite of obstacles of no trifling magnitude, by the present Professor of Botany in the University, for the space of six and twenty years. During this period Professor Barton delivered twenty-five\* courses of lectures on botany, in which he inculcated a high sense of the real *benefits* of the pursuit, in a medical point of view, with an enthusiasm that gave unequivocal evidence of his attachment to the interests of the science and the honour of the University. Such was the success of these efforts, that during the period when the laws of the medical school rendered it obligatory upon the candidates for its honours to print their inaugural theses, not one commencement was held without a number of dissertations being published, detailing experiments on the medicinal properties and effects of indigenous vegetables; most of them undertaken at the instance and prosecuted under the auspices of the Professor. The authors of these tracts were scattered annually, through different sections of the United States; many of them cherished the love for botanick pursuits which they had imbibed here—they became botanists. And thus have the exertions of the Professor been seen and felt, *beyond* the precincts of the university. In addition to these facts it may be mentioned, that many years ago Dr. Barton successfully applied himself to the production of an elementary work on the principles of botany, of acknowledged excellence. Let not the name in the title page of this book lessen in the mind of any one the force or effect of these observations. The writer *knows himself* to be capable of impartiality on the subject of them, and in publishing them has taken advantage of the absence in Europe of the Professor, whose presence and desire would in all likelihood have caused their suppression. They were excited by perusing a paragraph in the review† of Clinton's Introductory Discourse before the New-York Literary and Philosophical Society—are conscientiously unbiassed, though made with an honest pride, and a desire to "*render unto Cæsar the things that are Cæsar's.*"

\* The vacancy that occurred in the school during the absence of Dr. Barton last summer in Europe, was filled by a luminous course of elementary and philosophical lectures on Botany, by Mr. Corrêa.

† Review of Clinton's Discourse in The Port Folio for August 1815.



quence, be described among those which are strictly the *spontaneous growth* of the neighbouring country, in the FLORA PHILADELPHICA. Since a design of publishing that work was first announced, some little alteration has been made in the plan proposed. It was first intended to confine the collections for the Flora to the mere indigenous plants of the neighbourhood. At the suggestion of a botanical friend, the author has concluded to extend the plan of the work so as to embrace, in addition to these, such vegetables as have become, fortuitously or by design, common companions of the native productions of the soil. But, as it is a matter of some difficulty, after passing the pale which circumscribes the native plants, to establish judicious limits to the aberration, the author has determined to incorporate with the indigenous catalogue, only the *very common* ornamental trees and shrubs—those plants which constitute the esculent vegetables of the table—those employed as condiments, or used to enhance the savouriness of dietetick articles, and such others, as are so habitually introduced into the common gardens of the adjacent country, or used in agriculture, that they have become, in a measure, naturalized among us. Such, for example, are the foreign grasses and vegetables cultivated by the peasantry; the numerous fruit-trees, and fruit-bearing shrubs, that are to be found in every garden; the culinary pot-herbs reared in rural or city horticulture—and such other plants as are, from their possessing or being supposed to possess, medicinal properties, brought to market and employed in domestick medicine. All these are continually presented to our observation, and would, inevitably, be sought for in a local Flora by the student of botany, the amateurs of that science, and others, whose residence in the neighbourhood of their growth, renders them the objects of curiosity, of pleasure, or of use in any way. For what every one meets with as common as the grass by the way-sides, no one unacquainted with the minutiae of botany would suppose to be hardy intruders from foreign countries, tenaciously persisting in the right of possession, or the natives of far distant climes, which the taste, the appetite, the pride, and sometimes even the prejudices of people, have drawn into their gardens and their grounds, where the same causes operate in insuring their nurture and preservation.

The plants enumerated in this catalogue have been collected since the month of April, 1814. After that period, hardly one week of the floral season has passed by, particularly during the last summer, without an effort to procure the plants whose inflorescence was matured. Indeed, for weeks at a time, the author has made almost daily excursions with a view to enlarge his stock, and for opportunities of ascertaining the time of flowering and fructification of such plants as he intended to describe. Notwithstanding these exertions, he cannot present the list as complete. Many plants have doubtless eluded his observation. Not all, however, of those collected, are here enumerated: for many of the grasses that were culled, he has not been able, for want of books, to ascertain correctly. The deficiency of those indispensable aids has been most felt, in investigation of the cryptogamick class, which will consequently be found very imperfectly filled. As, however, this Prodromus is, in itself, a mere appendage to a more exten-



sive and complete work, these deficiencies are, comparatively, of little importance. Subsequent study, under more propitious circumstances, will supply what is now wanting.

The author takes this opportunity of acknowledging the assistance he received during his collections from the late Dr. Henry Muhlenberg\* of Lancaster, and Mr. Corrêa de Serra: for the countenance and encouragement of these botanists he shall ever feel himself grateful; from Mr. Zaccheus Collins, also, a gentleman who has united the successful cultivation of botany, with other branches of natural science, the author has received some auxiliary attentions, for which he returns his thanks.

THE AUTHOR.

222 *Walnut-street, October 1st, 1815.*

\* The pious, the learned Muhlenberg is no more! With him has fallen one of the oldest, the strongest pillars of that extensive fabric his exertions contributed so largely to raise—the edifice of botanick science in America. His merits, though chiefly confined to nomenclatural botany, were of the highest order. In giving information he was conscientious as truth itself, and his patience and industry in correcting the errors and confusion of botany, have scarce a parallel. Ever ready to assist the young botanist, and to banish from his sight, obstacles which in his own progress he himself had perseveringly overcome, it seems extraordinary that few, if any, of the large number that have profited by his labours and been the objects of his personal or epistolary instruction, should have acknowledged the extent of his assistance! The friend, whose succour contributed to raise us to our desired elevation, is often, when no longer useful, cast away! Dr. Muhlenberg enjoyed the correspondence of some of the first European botanists of the age, Schreber, Smith, Willdenow, &c. and the rich volumes of the *Species Plantarum* by the latter, are enhanced in no small degree by the communications made to him by our American botanist. The posthumous works of Dr. Muhlenberg are anxiously expected by the lovers of botany. When they are presented to the publick, and the *Flora Virginica* of Professor Barton, which is partly printed, appears, the chief barriers to the successful cultivation of botany in the United States will be removed—since these, together with Pursh's *Flora*, already published, though it has not reached this country, will fill the present chasm in the botanical libraries of America.







## EXPLANATORY REMARKS.

FOR the abbreviated characters of the flowers and the fruit, the writer of this Prodrômus is indebted to Dr. Muhlenberg's Catalogue. The plants marked with an asterisk (\*) have not been found by the author, but are inserted on the authority of others. All others not so marked, have been actually collected by him, and most of them preserved in his herbarium. The errors liable to be committed by the student in the examination of plants, owing to the perplexity of botanical synonyma, are obviated by adding both the generick and specifick synonymes, when they have been known.

C. stands for *cultus*, cultivated; and when placed opposite to the name of a plant denotes that it is *commonly* cultivated.

Cic. stands for *Cicur*, naturalized; and when placed opposite to the name of a plant, signifies that it was originally from foreign countries, and has become as it were, indigenous.

Hort. stands for *Hortis*, and signifies that the plants to which it is prefixed, though natives of the United States, are not indigenous in the vicinity of Philadelphia, but commonly found in gardens.

⊙ placed opposite the name of a plant signifies that it is an annual.

♂ biennial.

⌘ perennial.

½ frutescent.







**ABBREVIATED NAMES OF AUTHORS,  
AND THE NAMES OF THEIR WORKS USED IN THIS  
PRODROMUS.**

*Ait.* Aiton. Hortus Kewensis.

*Bart.* Barton. Flora Virginica.

*Bartr.* Bartram. Catalogue of Plants in Kingsess Gardens.

*Curt.* Curtis. Flora Londinensis.

*Defś.* Defontaines. Paper in the Annales du Museum, &c.

*Don.* Donn.

*Gært.* Gaertner.

*P'Her.* P'Heritier. Stirpes Novæ, descriptionibus et iconibus illustratæ.

*Lam.* Lambert.

*L.* Linnæus. Species Plantarum.

*Muhl.* Muhlenberg. Catalogus Plantarum Septentrionalis Americæ; and his manuscript communications to me.

*Marsh.* Marshall. Arbustrum Americanum.

*Mich.* Michaux. Flora Boreali-Americana.

*Mich. f.* Michaux Filius. Histoire des Arbres Forestiers de l'Amerique Septentrionale.

*Pers.* Persoon. Synopsis Plantarum.

*Pur.* Pursh.

*Sal.* Salisbury.

*Sm.* Smith. Flora Brit.—English Botany—and papers in the Linnaean. Soc. Trans.

*Swa.* Swartz.\*

*Walt.* Walter. Flora Caroliniana.

*Willd.* Willdenow. Species Plantarum Linnaei.

*With.* Withering. Arrangement of British Plants.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 officinalis, - L. 2	officinal, - - -	- - -	-	cær.	fol. oppositis omnibus, obovato-subrotundis.	-	flo. Junio.
3 serpyllifolia, - L. 2	smooth; Paul's betony, -	- - -	-	cær.	fol. ovatis, inferioribus crenatis, sub-integris.	-	flo. Maio.
4 beccabunga, - L. 2	brooklime, - - -	- - -	-	cær.	fol. ovatis, planis.	-	flo. Junio.
5 scutellata, - L. 2	scullcap, narrow-leaved, -	- - -	-	cær.	fol. linearibus, integerrimis, acutissimis.	-	flo. Junio.
6 agrestis, - L. 2	field; Germander; Forget-me-not, -	- - -	-	cær.	fol. cordatis, incis.	-	flo. Aprili.
7 peregrina, - L. 3 V. Caroliniana, Walt. V. Marilandica, Murr. Com. Goet. 1782, p. 11, tab. 3. V. Romana, Allioni, Vide Trans. Lin. Soc. Vol. 1, p. 192.	strange; neckweed; knot-grass leaved, -	- - -	-	alb.	fol. lanceolato-linearibus, glabris, obtusis, integerrimis; interdum obsolete denticulatis.	-	flo. Maio.
8 GRATIOLA, - - -	HEDGE-HYSSOP, - - -	Dicoty. Scrophulariæ.	5-part.	4-part.	- - -	caps. 2-loc. 2-val.	flo. Junio.
1 Virginica, - L. 2	Virginian, - - -	- - -	-	alb.	fol. lanceolatis, obtusis, subdentatis.	-	flo. Maio.
2 aurea, - Muhl. 2 G. officinalis L. et Mich.	golden, officinal, - - -	- - -	-	lutea	fol. lanceolatis, sursum acutissimis, rariter denticulatis.	-	-
3 anagallidea, Mich. inequalis, Walt. Vide Lindernia.	- - -	- - -	-	-	-	-	-
9 JUSTICIA, - - - 2 Americana, - Muhl. J. pedunculosa, Mich. J. pedunculata, Pers. Dianthera Americana, L.	JUSTICIA, - - - American, - - -	Idem. Acanthi.	5-part.	ring. alb. purpurea.	fol. erectis, lineari-lanceolatis, utrinque angustatis.	caps. 2-loc. 2-val.	flo. Julio.
10 UTRICULARIA, - - -	HOODED-MILFOIL, -	Idem. Lisimachia.	2-phy.	calcar. ring.	- - -	caps. globosa 2-loc.	flo. Julio.
1 vulgaris, - L. 2	common, - - -	- - -	-	lut.	fol. pinnato-multifidis.	-	-
2 ceratophylla, - Mich. 2	horn-wort leaved, -	- - -	-	lut.	fol. ad superficiem aquae senno-vericillatis, pinnatifidis sub-arhiza, aphylla.	-	flo. Augusto
3 cornuta, - Mich. 2	long-horned, - - -	- - -	-	lut.	- - -	-	flo. Julio.
11 LYCOPUS, - - -	WATER-HOREHOUND, -	Idem. Labiata.	5-fid.	4-fid.	- - -	sem. 4-nuda, retusa.	-
1 Virginicus, - L. 2	Virginian, - - -	- - -	-	alb.	fol. lato-lanceolatis, serratis.	-	flo. Julio, et Augusto.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jusieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 Americanus, Muhl. 2/ L. Europaeus, β. Mich. L. Europaeus, L. L. Vulgaris, Pers. Obi. Mentis valde affinis, sed non odoratus.	American,	-	-	alb.	fol. sinuato-serratis, appendiculatis.	-	flo. Augusto
12 CUNILA, - - -	CUNILA,	Idem.	5-dent.	ring.	-	semina 4, nuda,	-
1 mariana, - L. 2/ 2 pulegioides, L. et Mich. 2/ Vide <i>Hedeoma pulegioides</i> .	mint-leaved; Dittany,	-	-	car.	fol. ovalibus, serratis, arcte sessilibus.	-	flo. Septembri.
13 MONARDA, - - -	MOUNTAIN-MINT,	Idem.	5-dent.	ring.	-	semina 4, nuda,	-
1 fistulosa, - L. 2/ 2 didyma, - L. 2/ M. coccinea, Mich. M. Oswegoensis, Bart.	hollow, white; Robin-run-away, scarlet; Oswego-tea,	-	-	alb. carnea.	fol. cordato-lanceolatis, villosis.	-	flo. Julio.
3 allophylla, - Mich. 2/ M. oblongata, Alt. M. mollis, - Willd.	soft, long-leaved;	-	-	coccinea.	fol. late sub-cordato-ovalibus.	-	flo. Julio.
4 punctata, - L. ♂ h M. lutea, - Mich. }	dotted-horsemint,	-	-	lilac.	fol. variis oblongis, acute serratis.	-	flo. Augusto et Septembri.
14 ROSMARINUS, C. -	ROSEMARY,	Labiatae.	2-labiatus.	lut.	fol. lanceolatis, leviter serratis	-	flo. Augusto et Septembri.
officinalis, - L. h	common, officinal; Herbrosemary,	-	-	ring.	fol. utrinque virentibus et subtus canis.	-	flo. variis temporibus.
15 SALVIA, - - -	SAGE,	Dicotyl.	ring.	alb. purpurea.	-	semina 4, nuda,	-
1 lyrata, - L. 2/ 2 officinalis, C. - L. h 3 sclarea, C. - L. 2/ 16 COLLINSONIA, - - -	lyre-leaved, common, Clary,	Labiatae.	-	ring.	fol. variis: <i>radical.</i> lyrato-sinuosis; <i>caul.</i> simplicibus, sub-diphyllis.	-	flo. Junio.
Canadensis, - L. 2/ C. serotina, - Walt. }	HORSE-WEED; RICH-WEED; HORSE-BALM, common,	Idem.	ring.	car.	fol. lanceolato-ovatis, crenulatis.	-	flo. Junio.
				ring.	fol. rugosis, cordatis, oblongis, villosis, serratis.	semem 1, nudum.	flo. Julio.
				lut.	fol. cordato-ovalibus.	-	flo. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
17 ANTHOXANTHUM,	- SPRING-GRASS; VERNAL-GRASS,	<i>Monocotyledones.</i> Gramineae	2-val. 1-fl.	2-val.	- - - -	semen 1.	-
odoratum, - L. 2/	common sweet-scented,	- - - -	-	-	spica oblonga ovata.	-	flo. April.

CLASSIS III.—TRIANDRIA.

ORDO I.—MONOGYNIA.

[illegible]



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
22 XYRIS, - - - Mich. 2/ } Jupicai, - - - Pers. X. anceps, - - - Walt. X. Caroliniana, [Lamb. et Poir.]	two-edged, - - -	-	2-val.	3-pet.	-	caps. 3-loc.	-
23 SCHEENUS, - - -	Bog-rush, - - -	Idem.	1-val. congest.	O.	fol. linearibus, obtusiusculis.	sem. 1, basisetreum.	flo. Augusto
1 glomeratus, L. Willd. Swa.	round-headed, - - -	-	-	-	fol. planis.	-	flo. Julio.
2 albus, - - - L. 2/ } Rhynchospora alba, [Vahl. et Ait.]	white-headed, - - -	-	-	-	fol. setaceis.	-	flo. Julio.
24 CYPERUS, - - -	GALLINGALE, - - -	Idem.	1 val. spic. distich.	O.	-	sem. 1, triquetrum imberbe.	-
1 flavescens, - Willd. 5	yellow, - - -	-	-	-	cul. triquetro: spicis confertis lanceolatis.	-	flo. Augusto
2 strigosus, - L. 2/	bristle-spiked, - - -	-	-	-	cul. triquetro nudo; spiculis linearibus.	-	flo. Augusto
3 phymatodes, Muhl. 2/	tuberous, - - -	-	-	-	radix tuberosa.	-	flo. Augusto
4 parviflorus, Muhl. 2/	small-flowered, - - -	-	-	-	floribus congregatis.	-	flo. Augusto
5 spathaceus, Willd. 2/ } Scirpus spathaceus, [Mich.]	sheathed, - - -	-	-	-	fol. proxime alternis patulis, linearibus.	-	flo. Augusto
25 SCIRPUS, - - -	CLUBRUSH, - - -	Idem.	1 val. imbr. ter.	O.	-	sem. 1, villosum aut imberbe.	-
1 ovatus, - Muhl. 2/ } capitatus, - L. Willd. obtusus, - - - Willd. 2 trichodes, - Muhl. } S. capillaceus, Pers. et [Mich.]	blunt-head, - - -	-	-	-	cul. tereti nuda, setiformi; spica subglobosa terminali.	-	flo. Augusto
Obs. Affinis scirpi aciculari.	hair-like, - - -	-	-	-	minutus; cul. foliisque capillaceis.	-	flo. Maio.
3 planifolius - Muhl. 2/	flat-leaved, - - -	-	-	-	fol. planis, compressis.	-	flo. Maio.
4 lacustris, - - L. 2/	Bullrush. - - -	-	-	-	cul. tereti elongata nudo.	-	flo. Junio.
5 capillaris, - - L.	dwarf, - - -	-	-	-	cul. nudo foliisque capillari-bus.	-	flo. Junio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
6 <i>echinatus</i> , - L. 4	rough-spiked,	-	-	-	cul. triquetro nudo; spicis echinatis.	-	flo. Julio.
7 <i>retrofractus</i> , - L. 4	backward-bent, -	-	-	-	cul. triquetro; spicis retrofractis.	-	flo. Augusto
8 <i>acutus</i> , - Muhl. 4 } sive, maculatus, Mich. 4 } S. Americanus, Pers. }	sharp-pointed or spotted bull-rush,	-	-	-	cul. tereti, maculato, mucrone abrupto desinente.	-	flo. Junio.
9 triquetrum, Mich. 4 } S. Americanus, Pers. }	-	-	-	-	cul. acute triquetro nudo; spiculis sessilibus, conglomeratis.	-	flo. Julio.
10 quadrangulatus, Mich. 4 } S. tenuis, - Willd. } S. quadrangulus, Pers. }	four-sided,	-	-	-	apophyllus, cul. tetraquetro nudo.	-	flo. Maio.
11 maritimus $\beta$ , macro- 4 } stachyus, Mich. } S. macrostachyos, Lam. } [et Muhl.] }	sea club-rush,	-	-	-	cul. acutissime triquetro folioso; spicis ferrugineis sessilibus pedunculatisque.	-	flo. Julio.
12 cyperiformis, } Vide <i>Mariscus</i> . }	-	-	-	-	-	-	-
13 palustris, L. et Sm. 4	marsh,	-	-	-	cul. tereti nudo, spica ovato-oblonga subterretri.	-	flo. Maio.
26 TRICHOPOPHORUM, - Pers. } (Genus intermedium inter Scirpus et Eriophorum.) }	RED-COTTON-GRASS, -	Monocoty. Cyperoidae.	1-val.	O.	-	sem. setulae capilliformes, de- mum lon- ge exsertae numero de- finito sex. Pers.	-
cyperinum, Pers. 4 } <i>Eriophorum</i> cyperi- num, - L. } <i>Scirpus</i> eriophorum, Mich } S. thyrsiflorus, Willd. }	cluster-flowered,	-	-	-	cul. triquetro folioso, panicula decomposita.	-	flo. Augusto
27 ERIOPHORUM, - - -	COTTON-GRASS,	Idem.	Idem.	O.	-	-	-
vulgare, - Pers. 4 } E. polystachium, L. } E. polystachium, $\beta$ . Mich. }	common, many-headed,	-	-	-	fol. planis; mucrone triquetro.	-	flo. Junio.
28 MARISCUS, - - -	MARISCUS,	Idem.	Idem.	-	cul. glabris, spicis globosis, imbricatis.	-	flo. Julio.
glomeratus, Muhl. mss. 4 } <i>Scirpus</i> cyperiformis, } [Muhl. Catalogue. } S. lupulinus, Sprengel.] }	globe-headed,	-	-	-	-	-	-



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jusseu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
29 <i>CENCHRUS</i> , tribuloides, - L. ☉	HEDGE-HOG-GRASS, - prickly-spiked; Burr-grass, Thorn-grass,	<i>Monocoty.</i> Gramineae.	2-val. 2-flo. 2-val. involucr.	-	spica glomerata; glumis vil- losis et spinis longis rigi- disque horridis. M.	-	flo. Augusto
CLASSIS III.—TRIANDRIA.							
ORDO II.—DIGYNIA.							
30 <i>MUHLENBERGIA</i> , Schreber	<i>MUHLENBERGIA</i> , -	<i>Monocotyledones.</i> Gramineae	minutissimus, 1-val. 1-flo.	2-val.	-	sem. 1, ob- longum a- cumina- tum.	-
1 diffusa, Reichard 24 [Schreber et Pers. <i>Dicelytrum minutiflo-</i> <i>rum</i> , - Mich.]	spreading, -	-	-	-	fol. glabris; panicula coarcta.	-	flo. Augusto
2 erecta, - Schreb. 24 M. aristata, Reichard et [Pers. <i>Dicelytrum aristosum</i> , Mich.]	upright, awned, downy,	-	-	-	fol. pubescentibus; panicula laxa.	-	flo. Junio.
31 <i>LEERSIA</i> , - - -	<i>LEERSIA</i> ; SICKLE-GRASS,	<i>Idem.</i>	2-val. 1-flo.	O.	-	sem. 1, obo- vatum, tec- tum.	-
1 oryzoides, Willd. et 24 [Swa. <i>Phalaris oryzoides</i> , L. [et Schreb.]	cut-grass, -	-	-	-	panicula effusa; glumis ob- longo-obalibus.	-	-
2 <i>Virginica</i> , Muhl. 24	Virginian, -	-	-	-	panicula sparsa.	-	-
32 <i>PHALARIS</i> , - - -	<i>CANARY-GRASS</i> , -	<i>Idem.</i>	2-val. 1-flo. 2-val. inclu- carinat. sa.	-	-	sem. 1, gla- brum.	-
1 arundinacea, - L. 24 <i>Arundo colorata</i> , Ait. [et Willd. Muhl. mss.]	reed; Bank-grass, - striped; Ribbon-grass; Paint- ed-grass,	-	-	-	panicula oblonga ventricosa.	-	flo. Junio.
2 <i>β. picta</i> , Muhl. mss.	-	-	-	-	fol. lineatis; linæ alb. virid.	-	flo. Junio.
33 <i>PASPALUM</i> , - - -	<i>PASPALUM</i> , -	<i>Idem.</i>	2-val. 1-flo. 2-val. subrotun- dum.	-	-	sem. 1, sub- rotundum.	-
laeve, - - Mich.	smooth, -	-	-	-	erectum, glaberrimum; foliis breviusculis.	-	flo. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
34 PANICUM, - - -	PANIC-GRASS, - - -	Monocotyledones. Gramineae	3-val. 1-flo. 2-val. v. 2-flo.	-	-	sem. 1, sub-rotundum, tectum.	
1 glaucum, - L. ☺	foxtail; glaucous, -	-	-	-	fol. rariter pilosis, spica oblonga, setosa.	-	flo. Augusto
2 B. lævigatum, * - Muhl.	smooth, - - -	-	-	-	-	-	
3 crus galli, - L. ☺	cockfoot, - - -	-	-	-	spicis alternis; spiculis subdivisis; glutinis aristatis, hispidis.	-	flo. Augusto
4 latifolium, - L. 2	broad-leaved, - - -	-	-	-	fol. ovali-lanceolatis, amplexicaulis glabris.	-	flo. Junio.
5 dichotomum, L. et 2 } [Gronov.]	forked, branched, -	-	-	-	culmo ramoso dichotomo.	-	flo. Julio.
6 agrostoides, - Muhl. 2	bent-grass like, - -	-	-	-	panicula laxa.	-	flo. Julio.
7 capillare, - L. ☺	hair-panicled, - - -	-	-	-	panicula capillari, ramosissima.	-	flo. Septembri.
8 verticillatum, - L. ☺	whorled, - - -	-	-	-	spica verticillata.	-	flo. Julio.
9 viride, - L. ☺	green-flowered, - - -	-	-	-	spica cylindrica.	-	flo. Julio.
35 DIGITARIA, - Mich.	CROP-GRASS; CROP-GRASS, -	Idem.	2-val. 1-flo. 2-val. spic.	-	-	semen 1.	
1 sanguinalis, Mich. ☺ Panicum sanguinalis, L. Syntherisma præcox, [Walt.]	bloody, purple, - - -	-	-	-	culmis repentibus, patulis; floribus imbricatis.	-	flo. Julio.
2 filiformis, Muhl. ☺ D. pilosa, - Mich. D. villosa, - Pers. Panicum filiforme, L. P. debile, - Desf. Syntherisma, villosa, [Walt.]	thread-form, - - -	-	-	-	cul. erectis; foliis vaginque villosis.	-	flo. Augusto
36 PHEUM, - - -	CATSTAIL-GRASS; HERDS-GRASS: Timothy-grass, -	Idem.	2-val. 1-flo. 2-val. trunc.	-	-	sem. 1, sub-rotundum.	
pratense, - - L. 2	- - -	-	-	-	spica cylindrica, elongata.	-	flo. Junio.
37 ALOPECURUS, - -	FOXTAIL-GRASS, - - -	Idem.	2-val. 1-flo. 1-val.	-	-	sem. 1, ovatum, tectum.	
pratensis, * - L. 2	meadow, - - -	-	-	-	culmo erecto; glutinis villosis.	-	flo. Junio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jusieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
38 <b>HOLCUS,</b> - - -	<b>SOFT-GRASS,</b> - - -	<i>Monocotyledones Gramineae.</i>	2-val. 2-3 flo.	2-val.	-	semen ovatum.	
1 lanatus, L. et Schreb. 2	woolly--(Salem-grass, in Jersey.)	-	-	-	glumis villosis; fol. vagina tumida villosa.	-	flo. Junio.
2 odoratus,* - L. 2	Seneca-grass.	-	-	-	glaber; panicula parva; glumis turgidis.	-	flo. Maio.
39 <b>ANDROPOGON,</b> - - -	<b>BEARD-GRASS,</b> - - -	<i>Idem.</i>	2-val.	2-val.	-	semen. oblongum.	
1 avenaceum, Mich. 2	nodding, avena-like,	-	-	-	foliis asperis, vaginisque glabris.	-	flo. Septembri.
2 purpurascens, Muhl. 2	purple-stalked,	-	-	-	ramis ramosis, elongatis, purpuracentibus.	-	flo. Augusto
3 macrourum, Mich. 2	many-spiked; Indian-grass.	-	-	-	paniculis lateralibus, fasciculato-polystachyis.	-	flo. Septembri.
<i>Cinna glomerata, Walt.</i> Obs. Affine <i>A. bicornis</i> , sed distinctissimum.							
4 dissitiflorum, Mich. 2	Virginian; scattered-flowered	-	-	-	spicis dissite lateralibus.	-	flo. Septembri.
A. Virginicum, L.		-	-	-			
<i>Cinna lateralis, Walt.</i>		-	-	-			
5 furcatus, - Muhl. 2	forked-spiked,	-	-	-	spicis furcatis.	-	flo. Augusto
40 <b>AGROSTIS,</b> - - -	<b>BENT-GRASS,</b> - - -	<i>Idem.</i>	2-val. 1-flo. 2-val. acut.	2-val.	-	semen. 1. subrotundum.	
1 vulgaris, With. 2	Red-top; fine,	-	-	-	panic. patente, ramulis divaricatis capillaribus.	-	flo. Junio.
A. hispida, Willd.		-	-	-			
A. capillaris, auctorum,		-	-	-			
2 Mexicana, - Pers. 2	Mexican, side-flowering,	-	-	-	panicula oblonga congesta.	-	flo. Septembri.
A. lateriflora, Mich. }		-	-	-			
3 decumbens? - Muhl. 2	decumbent,	-	-	-	culmo decumbente.	-	flo. Junio.
4 stolonifera, C. Sm. 2	Fiorin-grass.	-	-	-	panicula coarcta; culmo ramoso repente, ramis stoloniferis.	-	
41 <b>TRICHODIUM,</b> - Mich.	<b>THIN-GRASS,</b> - - -	<i>Idem.</i>	2-val. 1-flo. 1-val.	1-val.	-	semen 1.	
laxiflorum, Mich. 2	loose-flowered; Silver-grass.	-	-	-	panicula laxa; foliis angustis, breviusculis.	-	flo. Maio.
<i>Cornucopia hymenialis,</i> [Walt.]		-	-	-			
42 <b>POA,</b> - - -	<b>MEADOW-GRASS,</b> - - -	<i>Idem.</i>	2-val. pluriflor.	ov. 2-val.	-	semen. 1. oblongum.	
1 annua, - - L. ☉	annual,	-	-	-	parvula; foliis margine subundulatis.	-	flo. Aprili.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Justieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 compressa, - L. 4	Blue-grass. - - -	- - -	- - -	- - -	culmis geniculatis, compressis.	- - -	flo. Junio.
3 reptans, - Mich. ☺	creeping, - - -	- - -	- - -	- - -	culmo reptante: foliis distichis subconvolutis, floribus dioicis.	- - -	flo. Julio.
4 capillaris, - L. ☺	hair-panicled, branched, -	- - -	- - -	- - -	panicula ampla capillari-ramosissima.	- - -	flo. Augusto
5 sesleroides, Mich. 4 } P. flava, - L. }	reed, broad-leaved, -	- - -	- - -	- - -	culmo firmo erecto; panicula majuscula erecta.	- - -	flo. Augusto
6 pectinacea, Mich. ☺ } P. pilosa, - Muhl. } an P. pilosa Linnaei? }	hairy, - - -	- - -	- - -	- - -	panicula laxa pyramidata.	- - -	flo. Julio.
7 pratensis, C. - L.	Common spear-grass. -	- - -	- - -	- - -	culmo tereti glabro; foliis planis, stipulis brevibus, obtusis.	- - -	flo. Junio.
8 trivialis, C. - L. } P. scabra, - Erhart. } P. palustris, quorundum }	Rough-stemmed spear-grass	- - -	- - -	- - -	culmo sub-ancipite scabro; foliis subulis scabris; stipulis longioribus, acuminatis.	- - -	flo. Junio.
9 nervata,* - Willd. 4 } striata, - Mich. }	scored, - - -	- - -	- - -	- - -	spiculis glabris nervosis.	- - -	flo. Junio.
43 BRIZA, - - -	QUAKING-GRASS, - - -	Monocoty.	2-val. pluri-cord. 2-val. flor.	- - -	- - -	sem. 1, sub-rotundum.	flo. Julio.
eragrostis, - L. ☺	branched, - - -	- - -	- - -	- - -	culmo geniculato decumbente; spiculis erectis, compressis.	- - -	- - -
44 DACTYLIS, - - -	COCKSFOOT-GRASS, - - -	Idem.	2 val. pluri-2-val. flor.	- - -	- - -	sem. 1, ob. sulcatum.	- - -
glomerata, - L. 4	rough; Orchard-grass.	- - -	- - -	- - -	panicula secunda glomerata.	- - -	flo. Junio.
45 ELUSINE, - - Gaert.	DOGS-TAIL-GRASS, - - -	Idem.	2-val. pluri-2-val. flor. in receptaculo.	- - -	- - -	sem. 1, ob.	- - -
Indica, - Mich. ☺ } Cynosurus Indicus, L. }	Indian, - - -	- - -	- - -	- - -	foliis vaginis compressis.	- - -	flo. Julio.
46 FESTUCA, - - -	FESCUE-GRASS, - - -	Idem.	2 val. multi-obl. 2-val. flor.	- - -	- - -	semen 1, utrinque acutiss.	- - -
1 elatior, - L. 4 } F. pratensis, Willd. }	tall, meadow, - - -	- - -	- - -	- - -	panicula secunda, sub-erecta.	- - -	flo. Junio.
2 fluitans, - L. 4 } Poa fluitans, - Sm. }	floating, - - -	- - -	- - -	- - -	panicula ramosa; spiculis teretibus, muticis.	- - -	flo. Junio.
47 BROMUS, - - -	BROME-GRASS, - - -	Idem.	2 val. multi-obl. 2-val. flor.	- - -	- - -	sem. 1, ob. tectum.	- - -
secalinus, - L. 4 } B. villosus, Weigel. }	Cheat. - - -	- - -	- - -	- - -	panicula nutante, spiculis ovatis, glabris.	- - -	flo. Junio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
48 AVENA, - - -	OAT-GRASS, - - -	Gramineae.	2-val. pluri-obl. 2-val. flor.	-	-	semen 1, utrinque, acum.	-
1 elatior, C. - L. 2	tall, - - -	-	-	-	panicula subcontracta, nutante.	-	flo. Junio.
2 sativa, C. - L.	Common oat. - - -	-	-	-	calycibus dispermis; seminibus lævibus, altero aristato.	-	flo. Julio.
49 ARISTIDA, - - -	ARISTIDA, - - -	Idem.	2-val. 1-flo. 1-val. 3-a-ris.	-	-	sem. 1, nudum.	-
dichotoma, - - Mich.	forked, - - -	-	-	-	culmo dichotomis, subspicatis.	-	flo. Septembri.
50 LOLIUM, - - -	DARNEL, - - -	Idem.	1-val. multi-2-val. flor. recept.	-	-	sem. 1, compress. nud.	-
perenne, - - L. 2	red; Rye-grass; Ray-grass.	-	-	-	spica mutica, spiculis compressis.	-	flo. Maio.
51 ARUNDO,* - - -	REED-GRASS, - - -	Idem.	2-val. pluri-2-val. flor.	-	-	sem. 1, bassi pappos.	-
cinnoides, - Muhl. 2	- - -	-	-	-	-	-	-
A. confinis, Willd. } A. Canadensis, Mich. }	compact, - - -	-	-	-	habitus cinnæ. panicula oblonga, glumis puberulis.	-	flo. Augusto
52 STIPA, - - -	FEATHER-GRASS, - - -	Idem.	2-val. 1-flo. 2-val. arist.	-	-	sem. 1, obli. tectum.	-
Virginica, - Pers. } S. barbata, Mich. nec } [Defontaines. } S. avenacea, Walt. } [nec Linnæi. } S. avenacea? Muhl.Cat. }	Virginian, thick and long awned, - - -	-	-	-	arista crassa longissima.	-	flo. Junio.
53 TRITICUM, - - -	WHEAT, - - -	Idem.	2-val. recept.	-	-	sem. 1, nudum.	-
1 æstivum, C. - L. ☉	spring, early, or summer, - - -	-	-	-	spica aristata.	-	flo. Julio.
2 hybernum, C. - L. ☿	winter, late, - - -	-	-	-	spica mutica.	-	flo. Julio.
54 HORDEUM, - - -	BARLEY, - - -	Idem.	2-val. recept. multiflor.	-	-	sem. 1, obli. tectum.	-
distichon, C. - L. ☉	common, - - -	-	-	-	flosculis lateralibus masculis muticis, seminibus angulatis imbricatis.	-	flo. Julio.
55 SECALE, - - -	RYE, - - -	Idem.	-	-	secale hybernum, vel majus.	sem. 1, ob.	-
1 cereale, hybernum, C. L. ☉	winter, - - -	-	-	-	secale vernum, sive minus.	-	-
2 a. vernum, - L. ☉	spring, - - -	-	-	-	-	-	-



## ORDO III.—TRIGYNIA.

Systematick Names.	English, Vulgar, and Vernacular Names	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
56 MOLLUGO, - - - L. ☺ verticillata, - - - L. ☺	INDIAN-CHICKWEED, - Carpet-weed.	- - -	- - -	O.	- - - foliis verticillatis.	semina reniformia.	flo. Julio.
57 QUERIA, - - - Canadensis, - L. 24 Anychia dichotoma, [Mich.]	QUERIA, - - - Canadian, - - -	Idem.	5-ph.	O.	- - - floribus solitariis, caule dichotomo.	caps. subtund. 1-loc. 3-val.	flo. Julio.
58 LECHEA, - - - 1 major, - Mich. h L. villosa, Pers. 2 minor, - L. h L. thymifolia? Mich.	LECHEA, - - - large, hairy, lesser, - - -	Idem.	3-ph.	3-pet.	- - - foliis ovato-lanceolatis.	caps. 3-loc. 3-val.	flo. Augusto
		- - -	- - -	rubel.	foliis linearilanceolatis.	- - -	flo. Augusto

## CLASSIS IV.—TETRANDRIA.

## ORDO I.—MONOGYNIA.

59 CEPHALANTHUS, - - -	GLOBE-FLOWER SHRUB,	Dicotyledones.	Rubiaceae.	4-fid.	- - -	1-pet.	semina solitaria lanosa.	flo. Julio.
occidentalis, - - - L. h	Pond Dogwood; American Buttonwood,	- - -	- - -	- - -	foliis oppositis ternisque.	- - -	- - -	- - -
60 DIPSACUS, - - -	TEASEL, - - -	Idem.	Dipsaceae.	- - -	- - -	4-fid.	semina solitaria.	- - -
sylvestris, - - - L. h	wild, - - -	- - -	- - -	cær.	foliis sessilibus serratis.	- - -	- - -	flo. Augusto
61 HOUSTONIA, - - -	HOUSTONIA, - - -	Idem.	Rubiaceae.	4-dent.	- - -	4-part.	caps. 2-loc. 2-val.	flo. April.
cærulea, - - - L. 24 H. Linnaei, Mich.	blue; Bluets, - - -	- - -	- - -	cær.	foliis radicalibus ovatis, sive spatulatis.	- - -	- - -	- - -
62 GALIUM, - - - * fructu glabro. trifidum, L. Walt. et 24 [Willd. Mich. Clayton. G. aparine? Clayton. Obs. Affine G. uliginoso: paulo majus; foliis obtusis, nunquam sensu, [Mich.]	GOOSE-GRASS; LADIES-BED-STRAW. trifid, three petalled; Least Galium,	Dicoty.	Rubiaceae.	4-dent.	- - -	4-part.	semina 2.	flo. Augusto
		- - -	- - -	trifid. alb.	foliis quaternis linearibus obtusis; caule scabro; fructu minutissimo.	- - -	- - -	- - -



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jusieu.	Caliz.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
2 asprellum, Mich. 24 G. cuspidatum, Muhl. }	spit pointed; Pointed cleavers,	-	-	alb.	foliis senis ovali-lanceolatis, acumine flaccido; caule retro aculeatis.	-	fl. Julio.
3 tinctorium, L. 24 ** fructu hirsuto.	dyers,	-	-	alb.	foliis linearibus; caulinis senis; ramorum quaternis.	-	fl. Junio.
4 aparine, - L. ☉	common cleavers,	-	-	alb.	foliis octonis lanceolatis, cavis scabris retrorsum aculeatis.	-	fl. Maio.
5 circaezans, Mich. 24 G. brachiatum, Muhl. G. boreale, Walt. an G. boreale, Pers.?	cross-branched,	-	-	alb. purpur.	foliis quaternis, ovalibus planis, inermibus, margine ciliato.	-	fl. Junio.
6 punctulosum, Mich. 24 G. pilosum, Muhl. nec. [Pers. Pers. G. punctatum, Pers. G. purpureum, Walt. [nec. Pers. et Willd. G. cruciata, No. 313 [Clayton?]	hairy; purple-flowered,	-	-	purpur.	foliis quaternis ovalibus obtusis, inermibus margine nervisque punctatis.	-	fl. Julio.
7 Pennsylvanicum, 24 [Muhl. G. triflorum? Mich. }	Pennsylvanian,	-	-	alb.	foliis senis ovali-lanceolatis, mucronatis.	-	fl. Julio.
63 MITCHELLA, - L. 24 repens, - L. 24 Syringa baccifera, [Catesby. }	MITCHELLA, - creeping, Partridge-berry; Chequer-berry;	Dicory.	4-dent.	4-part.	-	bac. 2-part. 4-sperm.	fl. Junio.
64 CENTAURELLA, Mich. paniculata, - Mich. ☉ Bartonia tenella, Willd. [et Pers. B. paniculata, Muhl. }	LITTLE-CENTAURY, late Centaurella,	Idem.	4-part.	4-part.	-	cap. 1-loc. 2-val.	fl. Augusto.
65 PLANTAGO, - - -	PLANTAIN,	Idem.	4-fid.	4-fid.	-	caps. 2-loc. circumscissa.	fl. Junio.
1 major, C. L. 24	great,	-	-	alb.	foliis ovatis glabris.	-	fl. Junio.
2 Virginica, - L. ☉	Virginian,	-	-	alb.	foliis lanceolato-ovatis, pubescentibus, sub-denticulatis.	-	fl. Junio.
3 lanceolata, L. 24	ribwort,	-	-	alb.	foliis lanceolatis.	-	fl. Maio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
4 <i>maritima</i> , L. $\gamma$ <i>Obs.</i> Planta rarissima, magnitudine valde varians; vicinitate Philadelphiae humillima.	sea,	-	-	alb.	foliis subulatis.	-	fl. Junio.
66 <i>CORNUS</i> , - - - - -	CORNEL; DOGWOOD,	<i>Dicotyl.</i>	Caprifolia. 4-dent.	4-pet.	-	drupa.	-
1 <i>Canadensis</i> , L. $\gamma$ <i>Obs.</i> Planta humillima, habitu triangulari.	Canadian, smallest,	-	-	alb.	herbacea; foliis summis verticillatis; radix stolonifera.	-	fl. Maio.
2 <i>florida</i> , - L. $h$	large-flowered,	-	-	lut.	arborea; involucrio maximo; foliis obcordatis.	-	fl. Maio.
3 <i>sericea</i> , - L. $h$ C. lanuginosa, Mich. C. sanguinea, Walt. [nec Linnæi.] C. Anomum, Vogel. C. cærulea, Lam.	silky-leaved; Red-willow; blue-berried; Swamp-Dog-wood,	-	-	alb.	foliis ovalis acuminatis subtus ferrugineo-sericeis; ramulis cymisque lanuginosis.	-	fl. Junio.
67 <i>LUDWIGIA</i> , - - - - -	LUDWIGIA; BASTARD LOOSTRIFE,	<i>Idem.</i>	Onagreae.	4-part.	-	caps. 4-loc. infer. polysper.	-
macrocarpa, Mich. ☉ L. alternifolia, L.	large-capsuled,	-	-	lut.	foliis longo-lanceolatis, acutis, alternis; capsula globosa, tetragona.	-	fl. Julio.
68 <i>ISNARDIA</i> , - - - - -	ISNARDIA, - - - - -	<i>Idem.</i>	Salicariæ.	4-fid.	-	caps. 4-loc.	-
palustris, L. ☉ <i>Ludwigia nitida</i> , Mich. }	marsh, shining, <i>Ditch-weed</i> ;	-	-	O.	foliis ovatis, oppositis, intergrais, interdum sub-acuminatis.	-	fl. Septembri.
69 <i>POTHOS</i> , - - - - -	POTHOS, - - - - -	<i>Monocoty.</i>	Aroideæ.	spath.	-	bac. 2-sper.	-
fœtida, - Mich. $\gamma$ <i>Dracontium fœtidum</i> , L. }	Swamp-cabbage; Skunk-cabbage; Skunk-weed,	-	-	4-pet.	acaulis; foliis ovalibus concavis.	-	fl. Martio et April.
ORDO II.—DIGYNIA.							
70 <i>HAMAMELIS</i> , - - - - -	HAMAMELIS, - - - - -	<i>Dicotyledones.</i>	Berberides.	duplex, ext. 4-pet. 2-ph. int. 4-ph.	-	nux ovata 2-loc. 2-val.	-
<i>Virginica</i> , - L. $h$	Virginian; Witch-hazel.	-	-	lut.	floret autumnno, insequente vere semina perfecit.	-	fl. Octobre.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
71 CUSCUTA, - - - L. ☉ Americana, - L. ☉	DODDER, American; Love-vine.	Dicotyledones. Convolvuli.	4-5-fid.	4 & 5-fid.	- - - - floribus pedicellatis, pentan- dris.	caps. 2-loc. - - - -	flo. Augusto
ORDO III.—TETRAGYNIA.							
72 POTAMOGETON, - - - 1 perfoliatum, L. 4 2 fluitans, - L. 4 3 natans, - L. } natans, β. - Mich. } 4 gramineum,* L. 5 hybridum, β. Mich. } P. porcatum, Muhl. } 6 diversifolium, [mihl] Obs. Affine P. hybridog., sed dis- tinctum: Differt etiam P. hetero- phylo, Willd. Si Pusch non de- scripsit, nov. spec. est.	PONDWEED, perfoliate-leaved, floating, broad-leaved, grass-leaved, furrow-leaved, various-leaved; Least Ameri- can,	Acoty. -	Najades. -	O. -	- - - - foliis cordatis amplexicauli- libus. foliis natantibus, longe petio- latis, lanceolato-ovatis u- trinque acuminatis. foliis natantibus petiolatis e- lipticis. foliis lineari-lanceolatis, al- ternis, sessilibus. foliis natantibus oblongo-ova- libus, submersis linearibus, minutum; caule filiforme; fo- lius emersis natantibus, e- lipticis, petiolatis, semi- uncialibus, sensis-nervatis; submersis sessilibus, fili- formibus: spicis multis, minutis, in axillis foliorum.	semina 4. -	flo. Julio. flo. Julio. flo. Augusto flo. Junio. flo. Augusto flo. Augusto
CLASSIS V.—PENTANDRIA.							
ORDO I.—MONOGYNIA.							
73 MYOSOTIS, - - - 1 scorpioides, L. 4 2 arvensis, - L. ☉	SCORPION-GRASS, marsh; Mouse-ear, corn, - - - -	Dicotyledones. Borragineae.	5-fid.	5-fid.	- - - - foliis lanceolatis obtusis, cal- corollaque patulis. foliis pilosis; corol. conivente.	sem. 4, gla- bra. - - - - - - - -	flo. Junio. flo. Maio.
74 LITHOSPERMUM, - - - 1 officinale, - L. 4 L. latifolium, Mich. } 2 arvense, - - - ☉	GROMWELL, officinal, corn,	Idem.	Idem.	5-part. - - - - - - - - - - - -	- - - - foliis lato-ovalibus, nervosis, supra asperis. foliis lato-linearibus, acutis.	sem. 4, gla- bra acum. seminibus seminibus seminibus rugosis.	flo. Maio. flo. Maio. flo. Maio.



Systematic Names.		English, Vulgar, and Vernacular Names.		Natural Families of Jussieu.		Caliz.	Corolla.	Form of the Leaves, &c.		Fruit.	Time of Flowering.
75	ONOSMODIUM, Mich. hispidum, - Mich. 2 <i>Lithospermum</i> Virginianum, L. [num, L.]	ONOSMODIUM, rough, -	-	-	<i>Dicotyledones. Borraginaceae.</i>	profunde 5-part.	semi. 5-fid.	-	-	sem. ut in Lithosperm.	flo. Junio.
76	CYNOGLOSSUM, - 1 officinale,* - 2 2 amplexicaule, Mich. 2 Virginianum, L. Virginicum, Pers.	HOUNDS-TONGUE, officinal, Virginian,	-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	semina 4, acuminat.	flo. Maio.
77	SYMPHYTUM, - officinale, Hort. L. 2	COMPNEY, officinal.	-	-	<i>Idem.</i>	5-dent.	5-dent.	-	-	semina 4, acum.	flo. Junio.
78	PULMONARIA, - Virginica, - L. 2	LUNG-WORT, Virginian.	-	-	<i>Idem.</i>	5-dent.	5-fid.	-	-	sem. 4, obtusa.	flo. Maio.
79	MENYANTHES, - trifoliata,* - L. 2	BUCK-BEAN, three-leaved; Marsh-trefoil.	-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	caps. ovat. 1-loc.	flo. Maio.
80	HYDROPHYLLUM, -	WATER-LEAF,	-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	caps. globosa, 1-loc. 2-val.	flo. Maio.
81	Virginicum, - L. 2 Canadense,* L. 2 LYSIMACHIA, -	Virginian. Canadian, LOOSESTRIFE,	-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	caps. globosa, 1-loc. 2-val.	flo. Maio.
82	1 ciliata, - L. 2 L. cordata, Muhl. 2 quadrifolia, - L. L. hirsuta? Mich. L. striata, Walt.	heart-leaved, four-leaved,	-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	caps. globosa, 1-loc. 2-val.	flo. Julio.
83	3 stricta, - Ait. 2 L. racemosa, Mich. [et Lamark. L. bulbifera, Curt. <i>Viscum</i> terrestre, L.]	upright,	-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	caps. globosa, 1-loc. 2-val.	flo. Junio.
			-	-	<i>Idem.</i>	5-part.	5-fid.	-	-	caps. globosa, 1-loc. 2-val.	flo. Junio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calk.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
82 ANAGALIS, arvensis, - L.	PIMPERNEL, - - - scarlet, field; Red-chickweed	- - -	5-part.	5-part.	- - - caule diffuso nudo.	caps. globo- sa, 1-loc.	flo. Junio.
83 AZALEA, 1 nudiflora, L. et Ait. } A. periclymenoides, [Mich. A. periclymena, Pers. }	ROSEBAY; WILD-HONEYSUCK- KLE. naked, red-flowered,	Idem.	5-fid.	5-fid.	- - -	caps. 5-loc. 3-val.	-
3 viscosa, - L. } 84 PHLOX, - - - }	clammy, white-flowered, LYCHNIDEA, or PHLOX,	- - -	-	ros.	foliis ovatis.	-	flo. Maio.
1 maculata, - L. } 2 suaveolens,* Ait. } P. maculata, β, candida, [Mich. }	spotted-stalked, - - - sweet-scented, - - -	- - -	-	alb.	foliis ovato-lanceolatis, utrin- que viridibus.	-	flo. Junio.
3 subulata, - L. } 4 paniculata,* L. } 5 CONVULVULUS, - - - }	awl-leaved; Wild Pink. panicled. - - -	Idem.	5-dent.	5-part.	- - -	caps. oval. 3-loc.	-
1 arvensis, - L. } 2 sepium, - L. } 3 sagittifolius, Mich. } C. speciosus, Walt. }	field, small, corn, hedge; Great Bear-bind, arrow-leaved, - - -	- - -	-	alb.	foliis lanceolatis, acuminatis; caule maculato.	-	flo. Maio.
4 panduratus, L. } 5 batatas, C. - L. }	fiddle-leaved; Mechoacanna, and Mechameck of the Indians. Common Sweet-potatoe.	- - -	-	alb.	foliis ovato-lanceolatis race- mo paniculato.	-	flo. Maio.
6 repens, - L. } 7 nil, Hort. - L. }	creeping, - - - azure, blue, - - -	- - -	-	purp. rosea.	foliis subulatis.	-	flo. April, et Maio.
				purp.	caule alto; foliis lanceolatis, marginē scabris; corymbis paniculatis.	-	flo. Julio.
				5-lob.	foliis sagittatis, utrinque acu- tis.	caps. subro- tund. 3-loc.	flo. Augusto
				alb.	foliis sagittatis, postice trun- catis.	-	flo. Julio.
				purp. cær.	foliis oblongo-sagittatis; sinu profundissimo, auriculis subacuminatis.	-	flo. Augusto
				alb. pallid purp.	foliis cordatis, integris pandu- rioribus.	-	flo. Julio.
				purp. alb.	foliis cordatis, hastatis quin- quenerviis; radice tuberosa esculenta.	-	-
				ros. alb.	foliis sagittatis, postice obtu- sis.	-	flo. Septem- bri.
				cær.	foliis ventricosos-trilobis.	-	flo. Augusto



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jusieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
86 JASMOEA, - - -	JASMINE BIND-WEED,	Dicotyledones. Convolvuli.	5-fid.	5-fid.	-	caps. subrotund. 3-loc.	
1 quamoclit, L. Hort. ☺ Corymbulatus pennatus, [Lamarck]	Cypress-vine. - - -	-	-	cocc.	foliis pinnatifidis linearibus.	-	fl. Augusto
2 coccinea, L. Hort. ☺	scarlet, - - -	-	-	cocc.	foliis cordatis, acuminatis.	-	fl. Augusto
3 purpurea, L. Hort. ☺ Corymbulatus purpureus, L.	purple, - - -	-	-	cær.	foliis cordatis.	-	fl. Septembri.
87 POLEMONIUM, - - -	JACOB'S-LADDER, - - -	Idem. Polemonia.	5-fid.	5-part.	-	caps. 3-loc. 3-val.	
reptans, - - L. 24	creeping-rooted; Creeping Greek Valerian.	-	-	cær.	radice repente, foliis pinnatis septenis.	-	fl. Maio.
88 CAMPANULA, - - -	BELL-FLOWER, - - -	Idem. Campanulaceae.	5-part.	5-fid.	-	caps. subrotund. 3-5-loc.	
1 acuminata, - Mich. 24 [Dodart et Willd. C. nitida, - Muhl. Obs. Planta rarissima vicinitate Philadelphiae.	smooth-leaved, pointed-leaved, shining,	-	-	cær.	foliis lato-lanceolatis, in longum acumen desinentibus, subserratis.	-	fl. Julio.
2 perfoliata, - L. ☺ amplexicaulis, Mich.	perfoliate, - - -	-	-	cær.	foliis sub-reniformi-cordatis, crenatis, concavo amplexicaulibus.	-	fl. Junio.
3 erinoides, - L. C. flexuosa, Mich. C. aspera, Donn. Obs. Affinis C. linifoliae. Mich.	zigzag, rough. - - -	-	-	pallid. cær. vel. alb.	foliis lanceolatis, subremote serratis; caule flexuoso, triquetro, angulis retrorsis scabris.	-	fl. Junio.
89 LOBELIA, - - -	LOBELIA, - - -	Idem. Idem.	5-fid.	5-part.	-	caps. 2-3-loc. 2-3-val.	
1 Kalmii, - L. ☺	Kalm's, - - -	-	-	alb. cær.	foliis lanceolato-linearibus, alternis, integerrimis.	-	fl. Julio.
2 pallida, - Muhl. 24 L. goodenoides, Willd. L. spicata, Lamarck.	pale-flowered, - - -	-	-	cær.	caule erecto, foliis oblongo-spatulatis dentatis; floribus spicatis.	-	fl. Junio.
3 cardinalis, Mich. 24	scarlet; Cardinal-flower.	-	-	cocc.	foliis lato-lanceolatis, serratis.	-	fl. Augusto
4 siphilitica, L. 24	blue, - - -	-	-	cær.	foliis ovato-lanceolatis, subserratis.	-	fl. Septembri.
5 inflata, - L. 8	bladder-podded; Wild-tobacco.	-	-	cær.	foliis ovatis, sub-serratis; capsulis inflatis.	-	fl. Augusto

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
6 Claytoniana, - L.	Clayton's,	-	-	-	foliis oblongis, obtusis, subintegerrimis, imis spatulatis.	-	flo. Junio.
90 TRIOSTEUM, - L. 2 } perfoliatum, Mich.	FEVER-WORT; FEVER-ROOT. red-flowered; Gentian; Bastard Ipecacuanha; Wild Coffee,	Dicotyledones. Caprifolia.	5-part.	5-part.	-	bac. 3-loc.	-
91 LONICERA, -	HONEYSUCKLE, -	Idem.	5-dent.	1-pet. subulosa lab.	-	bac. 2-loc. infra poly. sperm.	flo. Junio.
1 caprifolium, C. L. h	Italian; early, red,	-	-	alb. rubr.	foliis summis connato-perfoliatis.	-	flo. Maio et Junio.
2 periclymenum, L. Hort. h	Woodbine, -	-	-	rubr.	foliis omnibus distinctis ringentibus.	-	flo. Maio et Julio.
92 CAPRIFOLIUM, Jussieu et [Mich. h } sempervirens, Mich. h } [Hort. }	HONEYSUCKLE, -	Idem.	5-fid.	-	-	-	-
Lonicera sempervirens, L. [rens, L. }	trumpet, coral,	-	-	cocc.	foliis summis connato-perfoliatis; corol. infundibuliformi.	-	flo. Maio et per totam æstatem.
93 VERBASCUM, -	MULLEIN, -	Idem.	5-part.	5-part.	-	caps. subtund. 2-loc. 2-val.	-
1 thapsus, - ♂	broad-leaved, common,	-	-	lut.	foliis decurrentibus utrinque tomentosis.	-	flo. Junio.
2 lychnitis? - 2 ♂	-	-	-	rubr-lut.	-	-	flo. Julio.
3 blattaria, - ♂	moth, -	-	-	-	foliis amplexicaulis, oblongis, glabris.	-	flo. Junio.
α. lutea, -	yellow variety, -	-	-	lut.	-	-	-
β. alba, -	white ditto, -	-	-	alb.	-	-	-
an V. Claytoni, Mich. ? }	-	-	-	-	-	-	-
94 DATURA, -	THORN-APPLE, -	Idem.	5-dent.	5-dent.	-	caps. 2-loc. 4-val.	flo. Augusto
stramonium, - L. ☹	common; Jamestown-weed,	-	-	car. et alb.	foliis ovatis sinuatis, glabris, basi in petiolem attenuatis.	-	-
95 NICOTIANA, -	TOBACCO, -	Idem.	5-fid.	5-fid.	-	caps. 2-loc. 2-val.	-
tabacum, C. L. ☹	Virginian; sessile-leaved,	-	-	purp.	foliis lanceolatis sessilibus.	-	flo. Julio.
96 PHYSALIS, -	WINTER-CHERRY, -	Idem.	5-fid.	5-fid.	-	bac. 2-loc. subglobos.	-



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
1 <i>Pennsylvanica</i> , - 24	Pennsylvania,	-	-	-	foliis ovatis subrepandis, obtusis.	-	fl. Julio.
2 <i>obscura</i> , - Mich. ☺ P. <i>pubescens</i> , Muhl.	downy,	-	-	-	foliis quasi cordato-suborbiculatis.	-	fl. Junio.
97 <i>SOLANUM</i> , - - -	NIGHTSHADE,	<i>Dicotyledones</i> . Solaneae.	5-fid.	5-fid.	-	bac. subtund. 2-loc.	-
1 <i>dulcamara</i> , - L. h	Bitter-sweet; Woody-Nightshade,	-	-	cær.	foliis cordatis glabris superioribus auriculatis.	-	fl. Julio.
2 <i>tuberosum</i> , C. L. 24	Common Potatœ (Irish.)	-	-	alb. cær.	foliis interrupte pinnatis, integerrimis.	-	fl. Julio.
3 <i>lycopersicon</i> , C. L. ☺	Tamatas; Love-apple; Mad-apple.	-	-	lut.	foliis pinnatis, incis.	-	fl. Augusto
4 <i>nigrum</i> , - L. ☺ S. <i>exasperatum</i> , Muhl. }	black, - - -	-	-	alb.	foliis ovatis, dentato-angulatis.	-	fl. Julio.
5 <i>Carolinense</i> , L. 24	Caroliniana; prickly,	-	-	cær.	foliis ovali-oblongis, basi acutis, sublobato-sinuosis, utrinque aculeatis.	-	fl. Augusto
6 <i>melongena</i> , C. L. ☺	Egg-plant; Melongena, -	-	-	-	foliis ovatis, tomentosis.	-	fl. Junio.
7 <i>pseudo-capsicum</i> , C. L.	Jerusalem-cherry; Winter-cherry.	-	-	-	foliis lanceolatis, repandis.	-	-
98 <i>CHIRONIA</i> , - - -	CHIRONIA,	<i>Idem</i> . Gentianeae.	5-part.	5-part.	-	caps. 2-loc.	-
angularis, - L. ☺	angular-stalked; American Centaury.	-	-	purp.	foliis amplexicaulibus.	-	fl. Augusto
99 <i>CEANOTHUS</i> , - - -	CEANOTHUS.	<i>Idem</i> . Rhamni.	5-part.	5-pet.	-	caps. 3-cocca, 3-loc.	-
Americanus, - L. h	New-Jersey Tea; Red-root.	-	-	alb.	foliis ovalibus, serratis, subtus tomentosis.	-	fl. Junio.
100 <i>CAPSICUM</i> , - - -	CAPSICUM,	<i>Idem</i> . Idem.	5-fid.	5-fid.	-	bac. exsucca.	-
annuum, C. - L. ☺	long-podded; Red Guinea-pepper,	-	-	alb.	caule herbaceo, pedunculis solitariis.	-	-
101 <i>CELASTRUS</i> , - - -	STAFF-TREE,	<i>Idem</i> . Idem.	5-fid.	5-pet.	-	caps. 3-loc. 3-val. sem. aristata.	-
scandens, - L. h	climbing; Waxwork.	-	-	alb. virid.	foliis oblongis, acuminatis, serratis.	-	fl. Junio.
102 <i>EVONYMUS</i> , - - -	SPINDLE-TREE,	<i>Idem</i> . Idem.	5-part.	5-pet.	-	caps. 4-5-gona. sem. arist.	-
1 <i>atropurpureus</i> , Hort. L. h	purple,	-	-	atro. purp.	foliis lanceolatis petiolatis.	-	fl. Junio.
2 <i>Americanus</i> , Hort. L. h E. <i>Virginianus</i> Pluck- [net.]	American Burning-bush; Strawberry-tree.	-	-	lut.	foliis elliptico-lanceolatis serratis.	-	fl. Junio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
3 Europeus, C. - L. } (vulgaris.) - - - }	European Burning-bush.	-	-	-	foliis glabris.	-	flo. Junio.
103 ITEA, - - -	ITEA, - - -	Dicoty.	5-fid.	5-pet.	-	caps. 1-loc. 2-val.	-
Virginica, - L. h	Virginian, - - -	-	-	alb.	foliis serratis.	-	flo. Junio.
104 RIBES, - - -	CURRENT, - - -	Idem.	5-fid.	4-pet.	-	bac. globos. 1-loc.	-
1 rubrum, C. - L.	common red, - - -	-	-	virid. alb.	foliis obtuse quinquelobis.	-	flo. Aprili.
2 nigrum, C. - L.	common black, - - -	-	-	virid. lut.	foliis subtus punctatis.	-	flo. Aprili.
** aculeata.	common Gooseberry,	-	-	virid. lut.	ramis aculeatis, petiolis pilo- sis.	-	flo. Aprili.
3 grossularia, C. - L.	- - -	-	-	-	-	-	-
105 VIOLA, - - -	VIOLET, - - -	Idem.	5-ph.	5-pet.	-	caps. 1-loc. 3-val.	-
1 palmata, - L. 24	- - -	-	-	-	-	-	-
V. heterophylla, - - -	palmated, various-leaved,	-	-	cær.	foliis hastato-lobatis palma- tisve.	-	flo. Maio.
V. cordata, } ? Walt.	- - -	-	-	-	-	-	-
V. villosa, }	- - -	-	-	-	-	-	-
2 pedata, - L. 24	multifid, - - -	-	-	cær.	foliis pedatis septempartitis.	-	flo. Maio.
3 sagittata, Ait. 24	arrow-leaved, - - -	-	-	cær.	foliis oblongis, acutis cordato- sagittatis, serratis, basi in- cisis.	-	flo. Aprili.
4 lanceolata, L. 24	spear-leaved, - - -	-	-	alb.	foliis lanceolatis, crenatis.	-	flo. Aprili.
5 primulæfolia, L. 24	primrose-leaved; spade- leaved, - - -	-	-	alb.	foliis oblongis subcordatis.	-	flo. Maio.
6 cucullata, - Ait. 24	hollow-leaved, - - -	-	-	cær.	foliis cordatis serratis, basi cucullatis.	-	flo. Maio.
7 odorata, C. - L. 24	sweet-scented, - - -	-	-	cær.	foliis cordatis.	-	flo. Aprili.
** caulescentes.	- - -	-	-	-	-	-	-
8 Pennsylvanica, Mich. 24 } V. pubescens, Ait. }	downy, yellow, - - -	-	-	lut.	foliis lato-cordatis, pubescen- tibus.	-	flo. Aprili.
9 Canadensis,* Mich.	Canadian, - - -	-	-	alb.	foliis lato-cordatis, acumina- tis.	-	flo. Maio.
106 IMPATIENS, - - -	BALSAM, - - -	Idem.	2-ph.	5-pet.	-	caps. 1-loc. 5-val.	-
maculata, - Muhl. ☺ } I. noli-tangere, β. Mich. }	spotted; Touch-me-not.	-	-	flav.	foliis ovatis.	-	flo. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>		<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
107 AMPELOPSIS, Mich. quinquefolia, Mich. $\frac{1}{2}$ <i>Hedera</i> quinquefolia, L. <i>Vitis</i> quinquefolia, L. [mark et Smith. <i>Vitis</i> hederacea, Willd. <i>Cissus</i> hederacea, Pers.]	AMERICAN-JOY, - five-leaved; Common-creep- er.	-	-	5-dent.	5-pet.	-	bacca globo- sa.	flo. Augusto
108 HEDERA, Helix, C. - L.	IVY, - common,	<i>Idem.</i>	<i>Idem.</i>	calyce.	5-pet.	-	bac. 5-sper.	-
109 VITIS, - 1 labrusca, - L. $\frac{1}{2}$ V. taurina, - Walt. 2 V. cordifolia, Mich. $\frac{1}{2}$ V. vulpina, L. 3 odoratissima, - 4 æstivalis, - Mich. $\frac{1}{2}$ V. intermedia, Muhl. V. labrusca, Walt.	VINE, - Common Wild-grape; Fox- grape, heart-leaved; Winter-grape, Bermudian Grape, Summer-grape; Chicken- grape,	<i>Idem.</i>	<i>Idem.</i>	5-dent.	5-pet.	foliis tri-quinque lobis.	bacca globo- sa, 1-loc.	flo. Septem- bri.
110 CLAYTONIA, Virginica, - L. $\frac{1}{4}$	- Virginian, -	-	-	-	alb. virid.	foliis cordatis subtrilobis, den- tatis, subtus tomentosis.	-	flo. Junio.
111 THESIUM, umbellatum, - L. $\frac{1}{4}$ T. corymbosum, Mich. $\frac{1}{2}$	BASTARD TOAD-FLAX, umbell'd, -	<i>Idem.</i>	Portulacae.	2-ph.	5-pet.	foliis cordatis acuminatis.	-	flo. Junio.
112 GONOLOBUS, hirsutus, - Mich. <i>Cynanchum</i> obliquum, [Muhl. <i>Vincetoxicum</i> acantho- [carpus, Walt.]	- hairy,	<i>Idem.</i>	Æleagni.	5-fid. alb.	O.	-	caps. 3-loc. 3-val.	flo. April.
113 APOCYNUM, androsæmifolium, $\frac{1}{4}$	DOGSBANE, tutsan-leaved,	<i>Idem.</i>	Apocynae.	5-part.	5-part.	foliis lanceolatis.	sem. 1, tec- tum.	flo. Maio.
114 ASCLEPIAS,	SWALLOW-WORT,	<i>Idem.</i>	<i>Idem.</i>	5-fid.	5-part.	foliis oblongis.	folliculi 2 semina pappos.	flo. Julio.
		<i>Idem.</i>	<i>Idem.</i>	5-part.	5-fid.	foliis sensim acuminatis, u- trinque pubescentibus pe- tiolis hirsutissimis.	folic. 2-sem. pappos.	flo. Junio.
		<i>Idem.</i>	<i>Idem.</i>	5-fid.	5-part.	foliis ovatis, utrinque glabris.	folic. 2-sem. pappos.	flo. Junio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
1 <i>syriaca</i> , - L. 24 A. <i>syriaca</i> , β. Mich. A. <i>Illinoensis</i> , β. <i>syriacæ</i> , [Pers.]	Silk-plant; Virginian,	-	-	alb. purp.	foliis ovalibus, subtus tomentosis.	-	flo. Julio.
2 <i>hybrida</i> , - Mich. 24 A. <i>variegata</i> , Walt. 24 [nec Linnaei.]	variegated, -	-	-	alb. ros.	foliis petiolatis, ovalibus, puberulis.	-	flo. Junio.
3 <i>incarnata</i> , - L. 24 4 <i>pulchra</i> , - Muhl. 24 A. <i>incarnata</i> , β. <i>pulchræ</i> , [Willd.]	flesh-coloured, -	-	-	incar.	foliis lanceolatis, utrinque sub-lanuginosis.	-	flo. Augusto
5 <i>amœna</i> , - L. 24	hairy, -	-	-	incar. et alb.	foliis lato-lanceolatis, subtus pubescentibus.	-	flo. Augusto
6 <i>quadrifolia</i> , Muhl. 24	oval-leaved, -	-	-	purp.	foliis ovatis, subtus pilosis-culis.	-	flo. Junio.
7 <i>tuberosa</i> , L. nec Walt. 24 decumbens, Walt.	four-leaved, -	-	-	alb. ros.	foliis quaternis, verticillatis.	-	flo. Junio.
8 <i>obtusifolia</i> , - L.	Flux-root; Pleurisy-root; Butterfly-weed, obtuse, blunt-leaved, waved-leaved,	-	-	lut.	foliis alternis, lanceolatis, hirtis.	-	flo. Augusto
9 <i>exaltata</i> , β. <i>syriacæ</i> , L. 24 } A. <i>acuminata</i> , Muhl.	poke-leaved, -	-	-	purp.	foliis oblongis, rotundato obtusis, undulosis, arcte sessilibus, quasi amplexicaulibus.	-	flo. Junio.
115 <i>ATRIFLEX</i> , - -	ORACH, -	<i>Dicoty.</i>	5-ph.	alb.	foliis ellipticis, acuminatis.	-	flo. Junio.
<i>patula</i> , - - - - - A. <i>hastata</i> , - Curt. ☉	spreading, -	-	-	O.	-	sem. triangularibus acutis.	flo. Septembri.
116 <i>CHENOPODIUM</i> , - -	GOOSEFOOT, -	<i>Idem.</i>	5-ph.	O.	-	semen l.	flo. Junio.
1 album, lanceolatum, Willd. ☉	white, -	-	-	-	caule herbaceo patulo; foliis deltoideo-lanceolatis, subhastatis.	-	flo. Septembri.
2 <i>viride</i> , - L. ☉	green, -	-	-	-	-	-	flo. Junio.
3 <i>ambrosioides</i> , L. ☉	Mexican, -	-	-	-	foliis rhomboideo-ovatis.	-	flo. Septembri.
4 <i>anthelminticum</i> , L. 24 h	worm; Jerusalem-oak.	-	-	-	foliis lanceolato-rhomboides, dentato pinnatis.	-	flo. Augusto
5 <i>hybridum</i> , L. (angulosum.) ☉	tall, -	-	-	-	foliis lanceolatis, dentatis.	-	flo. Septembri.
6 <i>botrys</i> , - L. ☉	cut-leaved, -	-	-	-	foliis ovato-oblongis, rariter dentatis.	-	flo. Septembri.
117 <i>SALSOLA</i> , - -	SALT-WORT, -	<i>Idem.</i>	5-part.	O.	foliis cordatis, angulato-acuminatis foliis oblongis sinuatis.	caps. ovata, 1-loc. 1-sperm.	flo. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
Caroliniana, - Mich.	Carolinian, or American,	-	-	-	foliis dilatato-subulatis, spinescentibus.	-	fl. Julio.
118 BETA, - - L. ♂	BET, - - -	Dicoty.	5-ph.	O.	-	sem. reniforme.	-
vulgaris, C. - L. ♂	common, - - -	-	-	-	foliis inferioribus ovatis,	-	-
119 ULMUS, - - -	ELM, - - -	Idem.	Amentaceae, 5-fid.	O.	-	samara 1-sperm.	-
1 Americana, - L. ♀	American; white, weeping,	-	-	-	foliis serratis, unciato-acuminatis.	-	fl. Aprili.
2 fulva,* - Mich. ♀ } aspera, - L. }.	slippery; red,	-	-	-	foliis ovali-oblongis.	-	fl. Aprili.
120 HEUCHERA, - - -	HEUCHERA, - - -	Idem.	Saxifragae, 5-fid.	5-pet.	-	caps. 2-loc. 2-ros. tris.	-
Americana, - L. 2 } H. cortusa, Mich. } Cortusa Americana, [Herm.] }	American; Alum-root,	-	-	rub.	foliis radicalibus longe petiolatis, septemlobis.	-	fl. Maio.
121 GENTIANA, - - -	GENTIAN, - - -	Idem.	Gentianae, claus. 5-part.	5-fid.	-	caps. oblonga, 1-loc. 1-val.	-
saponaria, L. nec Mich. 2 }	soapwort, - - -	-	-	-	foliis ovali-lanceolatis.	-	fl. Septembri.
122 ERYNGIUM, - - -	ERYNGO; SEA-HOLLY,	Idem.	Umbelliferae 5-ph.	5-pet. uniforn. alb. cær.	-	sem. oblonga, tectia.	fl. Augusto
aquaticum, - Mich. ♂ } E. Virginianum, Pers. }	marsh, - - -	-	-	-	foliis longissime lanceolato-linearibus, serratis.	-	-
ORDO II.—DICYNOLA.							
123 HYDROCOOTYLE, - - -	PENNYWORT, - - -	Dicoty.	Umbelliferae, O.	5-pet. uniforn.	-	sem. 2, semiorbicul.	-
1 umbellata, - L. } H. umbellulata, Mich. }	umbelliferous, - - -	-	-	alb.	foliis peltatis.	-	fl. Julio.
2 Americana, - L. 2 }	American, - - -	-	-	alb.	foliis reniformibus sublobatis crenatis.	-	fl. Augusto
3 bipinnata,* Muhl. 2 } Sison bulbosum, Mich. }	bulbous, - - -	-	-	alb.	-	-	fl. Aprili.
124 SANICULA, - - -	SANICLE, - - -	Idem.	Idem, O.	5-pet. uniforn. alb.	-	sem. 2, muricata.	-
Marilandica, L. ♂	Maryland; Black Snake-root.	-	-	-	foliis sub-digitatis.	-	fl. Junio.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
125 DAUCUS, carota, - L. ♂	CARROT, wild, -	Umbelliferae.	O.	5-pet. radi- ata. alb.	- petiolis subtus nervosis.	sem. 2, his- pida.	flo. Junio.
126 AMMI, capillaceum, - Mich.	BISHOPSWOOD, hair-leaved, -	Idem.	O.	5-pet. uni- form. alb.	- foliis omnibus composite ca- pillaceo-multipartitis.	sem. 2, stri- ata.	flo. Julio.
127 CONFITUM, maculatum,* L. Cicur? ♂	HEMLOCK, spotted-stalked, -	Idem.	O.	5-pet. uni- form. alb.	- caule maculato; foliis tripli- cato-pinnatis.	sem. 2, stri- ata.	flo. Julio.
128 HERACLEUM, lanatum, - Mich. 24 H. giganteum, Barr.	COW-PARSNIP, woolly, large; -	Idem.	O.	5-pet. radi- ata.	- foliis trifoliatis; foliolis omni- bus petiolatis.	sem. 2, ova- ta, com- press.	flo. Junio.
129 ANGELICA, triquenata, - Mich. 24	ANGELICA, downy, common, -	Idem.	5-dent.	5-pet. uni- form.	- foliis decompositis; foliolis inciso-dentatis.	sem. 2, ova- ta 3-linea- ta.	flo. Augusto
130 SIUM, 1 latifolium, - L. 24 (sulcatum.)	WATER-PARSNIP, broad-leaved, -	Idem.	O.	5-pet. uni- form.	- caule angulato sulcato; foliis pinnatis, foliolis lanceolatis, serratis.	sem. 2, hinc convex striata.	flo. Julio.
2 rigidius, - L. 24	poisonous; stiff-leaved,	-	-	alb.	foliis pinnatis, foliolis lanceo- latis.	-	flo. Septem- bri.
3 lineare, - - -	linear-leaved, -	-	-	alb.	foliis pinnatis; foliolis sublan- ceolato-linearibus.	-	flo. Julio.
4 tenuifolium, Muhl. et [Pur.]	thin-leaved, -	-	-	alb.	foliis pinnatis; foliolis tenu- issimis, lato-linearibus, mi- nute serratis.	-	flo. Augusto
131 SISON, Canadense, - L. 24 Charophyllum Cana- [dense, Pers. Myrrhis Canadensis, Riv. pentapet. 54.	HONEYWORT, Canadian, -	Idem.	O.	5-pet. uni- form.	- foliis ternatis.	sem. 2, ova- ta hinc convex.	flo. Junio.



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
132 CROUTA, maculata, L. 24 <i>Ligusticum actæifolium</i> , [Mich.?	COWBANE, spotted; Water-hemlock; Snake-weed.	-	O.	5-pet. uni- form.	-	sem. 2, sub- ovata.	-
133 CORIANDRUM, sativum, C. - L. ☉	CORIANDER, common,	-	5-dent.	5-pet. radi- ata. alb.	foliis pinnatis.	sem. 2, he- mispher.	flo. Julio.
134 SCANDIX, procumbens, L. ☉ <i>Chærophylum procum- bens</i> , Pers.	CICELY, procumbent,	-	O.	5-pet. radi- ata.	fructibus globosis.	sem. 2, sub- ulata.	flo. Junio.
135 PASTINACA, α. sativa, L. 24 P. pratensis, Flor. Dan. β. noxia,	PARSNIP, common, esculent, poisonous, or wild,	-	O.	5-pet. uni- form.	foliis decompositis.	sem. 2, el- lipt. mar- gine cincta	flo. Maio.
136 SMYRNIUM, 1 trifoliatum, Muhl. 24 S. cordatum, Walt. et [Mich. <i>Thapsia trifoliata</i> , L. var. α. floribus luteis, β. floribus atropurpu- [reis, <i>forstian</i> S. atropurpureum, [Lamarck et Pers.? Obs. Cum precedente crescit, cujus via varietas videtur.	ALEXANDERS, heart-leaved; three-leaved, yellow-flowered, purple-flowered,	-	O.	5-pet. uni- form.	foliis pinnatis.	sem. 2, lu- nulata.	flo. Junio.
2 aureum, L. 24 3 barbinode, Muhl. 24 <i>Ligusticum? barbinode</i> , [Mich.]	golden, bearded,	-	-	lut.	foliis radicalibus suborbicu- lato-cordatis; caulinis peti- olatis, trifoliatis.	-	flo. Maio.
137 ANETHUM,	DILL,	-	O.	5-pet. uni- form.	foliis biternatis.	sem. 2, sub- ovata, mar- ginata.	flo. Junio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
1 fœniculum, C. L. 4	Fennel,	- - - - -	-	lut.	fructibus ovatis.	-	flo. Julio.
2 graveolens, C. L. 8	Common Dill,	- - - - -	-	lut.	fructibus compressis.	-	flo. Junio.
138 CARUM, - - - L. 8	CARAWAY,	Dicoty.	-	-	-	-	-
carui, - - - L. 8	sweet,	- - - - -	-	alb.	vaginis foliorum ventricosis.	-	-
139 PIMPINELLA, - - - L. 8	PIMPERNEL,	Idem.	-	-	-	-	-
anisum, - - - L. 8	Anise; common Anise-seed,	- - - - -	-	alb.	foliis radicalibus trifidis, incisis.	-	-
Anisum vulgare, Gaert. }							
140 APIUM, - - - L. 8	PARSLEY,	Idem.	O.	5-pet. uniform.	-	sem. 2, ovata, hinc striata.	-
1 petroselinum, C. L. 8	common,	- - - - -	-	alb.	foliis caulinis linearibus.	-	flo. Junio.
2 graveolens, C. L. 8	Common Celery; Smallage.	- - - - -	-	alb.	foliis caulinis cuneiformibus.	-	flo. Junio.

## ORDO III.—TRIGYNIA.

141 RHUS, - - - L. 2	SUMACH,	Idem.	5-part.	5-pet.	-	bac. 1-loc. 1-sperm.	flo. Junio.
1 typhinum,* - - - L. 2	Stag-horn,	- - - - -	-	virid. lut.	foliis pinnatis; foliolis lanceolatis, subtus pilosiusculis.	-	-
2 glabrum, - - - L. 2	red, smooth,	- - - - -	-	virid. lut.	foliis pinnatis, lanceolatis, utrinque nudis; subtus albidis.	-	flo. Julio.
3 toxicodendron, L. 2	Poison-ash; Poison-vine; Poison-ivy.	- - - - -	-	virid.	foliis ternatis; foliolis rariter petiolatis.	-	flo. Junio.
var. α. radicans, - - - L. 2	mountain, dwarf,	- - - - -	-	virid. lut.	foliis pinnatis integerrimis, petiolo membranaceo articulato.	-	flo. Julio.
4 copallinum, - - - L. 2	Swamp; Poisonous Elder.	- - - - -	-	virid. lut.	foliis pinnatis; foliolis ovalibus.	-	flo. Junio.
5 vernix,* - - - L. 2	MEALY-TREE,	Idem.	5-part.	5-fid.	-	bac. subrotund.	-
142 VIBURNUM, - - - L. 2	Caprifolia.	- - - - -	-	lut.	foliis ovatis, plerumque obtusis; rariter sub-acuminatis.	bac. 1-sperm.	flo. Junio.
1 prunifolium, L. 2	Black-haw; plumb-leaved,	- - - - -	-	lut.	foliis ovatis, plicatis, dentato-serratis.	-	flo. Maio.
2 dentatum, - - - L. 2	Arrow-wood; tooth-leaved,	- - - - -	-	lut.	foliis lato-trilobis, acuminatis.	-	flo. Maio.
var. α. glabellum, Mich. }							
3 acerifolium, - - - L. 2	maple-leaved,	- - - - -	-	lut.	-	-	-



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
4 opuloides, Muhl. h V. opulus, β. <i>Pinnia</i> , [Mich.]	Shrub-cranberry.	-	-	rad. alb.	foliis angusto-trilobis, longe acuminatis.	-	flo. Maio.
5 lentago, - L. h	pear-leaved,	-	-	lab.	foliis ovatis, acuminatis.	-	flo. Maio.
6 nudum, - L. h Obs. Cyme in hac non involuatur.	naked-cymed; swamp,	-	-	alb.	foliis ovatis, integerrimis, margine repandis.	-	flo. Junio.
143 SAMBUCUS, -	ELDER,	<i>Dicoty.</i>	5-part.	5-fid.	-	bac. subro- tund. 1-loc. 3-sperm.	flo. Junio.
Canadensis, - L. 2 S. atropurpurea, -	black-berried,	-	-	alb.	foliis sub-bipinnatis.	-	
144 ALSINE, -	CHICKWEED,	<i>Idem.</i>	Caryophylleae. 5-ph.	5-pet.	-	caps. ovat. 1-loc. 3-val.	
media, - L. ☉ <i>Stellaria media</i> , Sm. <i>Holosteum alsine</i> , Swa.	common,	-	-	alb.	foliis ovato-cordatis; caule al- terno piloso.	-	flo. Aprili, ad Octobr.
145 SAZOTHRA, -	BASTARD GENTIAN,	<i>Idem.</i>	5-part.	5-pet.	-	caps. obl. 1-loc. 3-val.	
gentianoides, - L. <i>Hypericum saethra</i> , [Mich.] <i>Hypericum nudicaule</i> , [Walt.]	Ground Pine.	-	-	lut.	foliis subulatis.	-	flo. Julio.
ORDO IV.—TETRAGYNIA.							
146 PARNASSIA, -	GRASS OF PARNASSUS,	<i>Idem.</i>	5-part.	5-pet.	-	caps. 1-loc. 4-val.	flo. Septem- bri.
palustris,* L.	marsh,	-	-	alb.	foliis radicalibus cordatis.	-	
ORDO V.—PENTAGYNIA.							
147 ARALIA, -	ARALIA,	<i>Idem.</i>	5-dent.	5-pet.	-	bac. subro- tund. 5-loc.	flo. Augusto et Septem- bri.
1 spinosa, - Hort. L. h	thorny; Shot-bush; Pigeon- weed; Angelica-tree.	-	-	alb.	arborescens; caule foliisque aculeatis.	-	flo. Augusto
2 racemosa,* - L. 2	berry-bearing; Spikenard; Wild Liqueur.	-	-	alb.	foliis glabris; caule herbaceo.	-	flo. Augusto

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Cerolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
3 nudicaulis, L. 24	Sarsaparilla.	-	-	alb.	foliis binis ternatis; caule quasi nullo.	-	flo. Maio.
148 LINUM, - - -	FLAX, - - -	Dicoty.	5-ph.	5-pet.	-	caps. globosa, 5-val. 10-loc.	-
1 Virginianum, L. 24	Virginian,	-	-	lut.	foliis linearilanceolatis, sparsis, rarius oppositis.	-	flo. Julio.
2 usitatissimum, C. L. ☉	common,	-	-	cær.	foliis lanceolatis alternis.	-	-
149 DROSER, - - -	SUNDEW, - - -	Idem.	5-fid.	5-pet.	-	caps. subovata, 1-loc.	-
rotundifolia, - L. 24	round-leaved,	-	-	alb.	foliis orbiculatis.	-	flo. Augusto

## CLASSIS VI.—HEXANDRIA.

## ORDO I.—MONOGYNIA.

		<i>Monocoty.</i>					
150 TRADESCANTIA, -	SPIDERWORT, -	-	5-ph.	3-pet.	-	caps. 3-loc. 3-val.	-
Virginia, - L. 24	Virginian, -	-	-	cær.	foliis lanceolatis, glabris.	-	flo. Maio.
151 PONTEDERIA, -	PONTEDERIA, -	Idem.	spath.	6-fid.	-	caps. 3-angul. 3-loc.	-
cordata, - L. 24	heart-leaved; Pickerel-weed.	-	-	cær.	foliis oblongo-cordatis.	-	flo. Augusto
152 ALLIUM, - - -	GARLICK, -	Idem.	spath.	6-pet.	-	caps. 3-loc. 3-val. 3-lob.	-
1 porrum, Hort. L. 24	Leak, -	-	-	-	foliis basi vaginantibus.	-	flo. Julio.
2 vineale, C. - L. 24	crow. s. field,	-	-	purp.	caule teretifolio.	-	flo. Junio.
3 cernuum, - 24	Mountain Garlick.	-	-	ros.	-	-	flo. Julio.
4 sativum, C. L. 24	Common Garlick.	-	-	alb.	caule bulbifero.	-	-
5 schænoprasum, C. L. 24	Cives; Chive Garlick.	-	-	pallid.	caule crenulatis; caule bulbifero.	-	flo. Junio.
6 cepa, C. - L. 24	Strawsbury-onion; common,	-	-	-	foliis teretibus.	-	-
7 ascalonicum, C. L.	Shallot. -	-	-	-	foliis subulatis.	-	-



Systematic Name.	English, Vulgar, and Vernacular Names.	Natural Families of Jusseu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
153 LILIUM, - - - L. 24	LILY, - - - Golden Martagon,	Monocoty. Lilia sive Liliaceae.	O. -	6-pet. -	-	caps. obl. 3-loc. 3-val.	fl. Julio.
2 Canadense, L. 24	Canada, yellow,	- - -	-	lut. -	foliis imis verticillatis, cæteris sparsis.	-	fl. Junio.
3 Philadelphicum, L. 24	Philadelphia; red,	- - -	-	lut. -	foliis verticillatis, linearibus.	-	fl. Junio.
154 UVULARIA, - - -	BELLWORT, - - -	Idem.	O. -	6-pet. -	foliis verticillatis, floribus erectis, petalis unguiculatis.	caps. vel. bac. 3-loc.	-
1 perfoliata, L. 24 Anonymos Erythronio, [affinis? Walt.]	perfoliate, - - -	- - -	-	lut. -	foliis ovatis, perfoliatis.	-	fl. Maio.
2 sessilifolia, L. 24	sessile-leaved, - - -	- - -	-	lut. -	foliis lanceolato-ovalibus, sessilibus.	-	fl. Maio.
155 ERYTHRONIUM, - - - (Americænum Curt. Bot. Mag.)	DOGS-TOOTH VIOLET, -	Idem.	O. -	6-pet. -	-	caps. 3-loc. 3-val.	-
Americanum: luteum, [Muhl. Mich. Poir.] E. dens canis, Mich. E. longifolium, Poir.	yellow; American,	- - -	-	lut. -	foliis lanceolato-oblongis maculatis.	-	fl. Aprili.
156 HYPOXIS, - - - L. 24 erecta, - - - H. Carolinensis, Mich. Ornithogalum hirsutum olim, Linnæi.	BASTARD STAR-FLOWER, upright; Yellow Bethlehem-Star,	Idem.	spath. -	6-part. -	-	caps. obl. 3-loc. 3-val.	fl. Maio.
157 ORNITHOGALUM, - - -	STAR OF BETHLEHEM, -	Idem.	O. -	O. -	-	caps. subtund. 3-loc. 3-val.	fl. Maio.
umbellatum, C. L. 24	umbell'd, - - -	- - -	-	alb. -	floribus corymbosis.	-	-
158 CAULOPHYLLUM, Mich. thalictroides, Mich. 24 Leontice thalictroides, L. }	CAULOPHYLLUM, - - - blue-berried, - - -	Dicoty. Berberides.	6-ph. -	6-pet. -	-	drupa globos. 1-loc.	fl. Maio.
159 ASPARAGUS, - - -	ASPARAGUS, - - -	Monocoty.	O. -	6-fid. -	foliis ternis, lobato-pinnatis.	bac. globos. 1-loc.	fl. Maio.
officinalis, C. - L. 24	common; Spurge.	- - -	-	lut. -	foliis setaceis.	-	fl. Maio.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
160 CONVALLARIA, 1 polygonatum, - 4 2 multiflora, L. 2 C. polygonati, var. secundum Mich. 3 racemosa, L. 2	CONVALLARY; SOLOMON'S SEAL. Solomon's Seal. many-flowered, cluster-flowered,	Monocoty. Asparagi.	O.	6-fid.	foliis alternis, amplexicaulibus; caule ancipiti.	bac. globos. 3-loc.	flo. Junio.
161 MAIANTHEMUM, Defs. (Annales du Muséum, vol. 9, p. 40.) Canadense, Defs. 2 Convallaria bifolia, [Mich: nec Linnæi.]	MAIANTHEMUM, Canadian,	Idem. Idem.	O.	alb. alb. alb. profundissima, 4-fid.	foliis oblongo-ovalibus, alternis, amplexicaulibus; caule tereti. foliis oblongo-ovalibus, subpelotatis.	- - - -	flo. Junio. flo. Junio. flo. Junio.
162 HYACINTHUS, - muscar, - Cicur. L. Muscari moschatum, [Bot. Mag.]	HYACINTH, Musk; Blue-bells; Blue-bottles.	Idem. Asphodeli.	O.	6-fid.	scapo bifoliato, rarius trifoliato; foliis cordato-oblongis, subsessilibus, utrinque glabris.	-	flo. Maio.
163 ALETREIS, - farinosa, - L. 2 A. alba, - Mich. }	STAR-ROOT, white-flowered; Devil's Bit; Star-grass.	Idem. Idem.	O.	6-fid.	foliis teretibus.	caps. triquetra, 3-loc. 3-val.	flo. Aprili.
164 ACORUS, - calamus, - L. 2	SWEET FLAG, common; Calamus.	Idem. Aroideae.	O.	6-pet.	foliis lanceolatis, exsticcis.	caps. oval. triq. acum. 3-loc.	flo. Junio.
165 ORONTIUM, - aquaticum, - L. 2	ORONTIUM, - aquatic; Golden Club.	Idem. Idem.	O.	6-pet.	scapi mucrone longissimo foliaceo.	caps. 3-ang. 3-loc.	flo. Junio.
166 JUNCUS, - 1 effusus, - L. 2 2 tenuis, - Willd. 2 J. bicornis, Mich. }	RUSH, - soft; Bullrush. slender,	Idem. Junci.	2-ph.	6-pet.	foliis lanceolato-ovatis.	folliculus, 1-sperm.	flo. Maio.
3 campestris, L. 2 Luzula campestris, [Willd.]	field, early-flowering,	-	-	-	culmo nudo; panicula laterali. foliis canaliculato-planis.	caps. 3-val. 1-3-loc.	flo. Junio. flo. Junio.
		-	-	-	foliis planis, pilosis.	-	flo. Aprili.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
4 polycephalos, Mich. 24 } J. echinatus, Muhl. }	many-headed, rough-headed,	-	-	-	capitulis globosis, multifloris.	-	fl. Julio.
167 PRINOS, - - - } vericillatus, - L. 2 } P. Gronovii, Mich. }	WINTER-BERRY, - - - whorled; Black Alder.	Dicotyl.	6-fid.	6-part.	-	bac. subrotund. 6-loc.	fl. Junio.
168 BERBERIS, - - - } vulgaris, - L. Hort. 2 } var. γ. Canadensis, se- } [cundum Ait.] }	BARBERRY, - - - common red,	Idem.	6-ph.	6-pet.	-	bac. cylindric. 1-loc.	fl. Maio.
ORDO III.—TRIGYNIA.							
169 RUMEX, - - - } 1 crispus, L. Cicur. 24 } 2 acutus, L. Cicur. 24 } 3 acetocella, L. 24 }	Dock, - - - curled, - - - sharp-pointed, - - - Sheep'-sorrel, - - -	Idem.	3-ph.	3-pet.	-	sem. 1, triquetro.	fl. Junio.
170 MELANTHIUM, - - - }	MELANTHIUM, - - -	Monocoty.	O.	6-pet.	-	caps. ovata trigona 3-loc.	fl. Maio.
Virginicum, - L. 24 }	Virginian, - - -	-	-	lut.	floribus pyramido-paniculatis.	-	fl. Julio.
171 MEDEOLA, - - - }	MEDEOLA, - - -	Idem.	O.	6-pet.	-	bac. subrotund. 3-loc.	fl. Maio.
Virginica, - L. 24 }	Virginian; Indian Cucumber.	-	-	alb.	foliis verticillatis, caule lanuginosa.	-	fl. Maio.
172 HELONIAS, - - - }	HELONIAS, - - -	Idem.	O.	6-part.	-	bac. subrotund. 3-loc.	fl. Junio.
1 Erythosperma,* Mich. } H. læta, - Ait. } Melanthium lætum, } [Willd. } M. muscatoxicum, } [Walt.? } 2 lutea, - Ait. } (Hort. Kew. 1811.) } H. lutea, etiam Kew. } (Bot. Mag. 1802.) } Veratrum luteum, L. } Willd. et Muhl. } Melanthium dioicum, } [Walt.] }	channel-leaved, - - - spike-flowering, nodding; Blazing-star.	-	-	alb.	foliis linearilongissimis.	-	fl. Maio.

Systematic Name.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
173 TRILLIUM, cernuum, - L.	THREE-LEAVED NIGHTSHADE, drooping, -	Idem.	Asparagi. 3-ph.	3-pet. alb.	- foliis lato-ovalibus, acumina- tis, basi angustatis.	bac. triloc. -	fl. Maio.
ORDO IV.—HEXAGYNIA.							
174 ALISMA, plantago, - L. 4	WATER PLANTAIN, common, -	Monocoty.	Junci. 3-ph.	3-pet. alb.	- foliis ovatis, acutis.	caps. com- press. -	fl. Julio.
CLASSIS VII.—HEPTANDRIA.							
ORDO I.—MONOGYNIA.							
175 ESOLUS, 1 pavía, Pavia lutea, Mich. f. } 2 lutea, Hort. Mich. h } Æ. flava, Willd. } 3 macrostachya, Hort. h } [Mich. } Æ. parviflora, Walt. et } [Ait.] }	HORSE-CHESNUT, red-flowered; Buck-eye, yellow; Buck-eye, white, large-spiked, -	Dicoty.	Acera. 4-5-dent.	4-5-pet. - rubr. lut. alb.	- foliis quinis, glabris. foliis quinis, subtus ad cos- tam pubescentibus serru- latis. foliis quinis subtus tomento- sis.	caps. coria- cea, 3-loc. 3-val. - - -	fl. Maio. fl. Maio. fl. Junio.
ORDO II.—TETRAGYNIA.							
176 SAURURUS, cernuus, - L. 4	LIZARD'S-TAIL, nodding; Water-lilies.	Acoty.	Najades. 1-ph.	O. alb.	- foliis cordatis, undulatis, acu- tis.	capsulæ 4, 1-loc. -	fl. Julio.
CLASSIS VIII.—OCTANDRIA.							
ORDO I.—MONOGYNIA.							
177 TROPEOLUM, majus, - L. 4	NASTERTIUM; INDIAN-CRESS; large, -	Dicoty.	Gerania. 1-ph. 5-fid. calcar.	5-pet. -	- foliis subquinque lobis.	sem. 1, sub- rotund.	-



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
178 RHEXIA, - - -	RHEXIA, - - -	Dicotyl.	4-fid.	4-pet.	- - -	caps. subtund. 4-loc. 4-val.	
1 Virginia, L. 2	Virginian, - - -	-	-	purp.	caule alato-angulato, sub-piloso; foliis ovato-lanceolatis sessilibus.	-	flo. Julio.
2 Mariana? - L.	Maryland, - - -	-	-	purp.	caule tereti hirsutissimo; foliis lanceolatis, sub-petiolatis.	-	flo. Augusto
179 ŒNOTHERA, - - -	NIGHT WILLOW-HERB, - - -	Idem.	4-fid.	4-pet.	- - -	caps. tetrag. 4-loc. 4-val.	
1 biennis, - L. 8	Tree-primrose. - - -	-	-	lut.	foliis ovato-lanceolatis, planis.	-	flo. Augusto
2 sinuata, - L. ☉	scollop-leaved, - - -	-	-	lut.	decumbens; foliis lanceolatis, dentato-serratis.	-	flo. Junio.
3 fruticosa, Willd. 2	perennial, - - -	-	-	lut.	foliis lanceolatis, subdentatis, acutis.	-	flo. Junio, et Julio.
4 pumila? - L.	- - -	-	-	lut.	- - -	-	
180 GAURA, - - -	GAURA, - - -	Idem.	4-fid.	4-pet.	- - -	drupa ovata, 4-gona.	
biennis, - L. 8	biennial, - - -	-	-	ros.	foliis lanceolatis, dentatis.	-	flo. Augusto
181 EPILOBIUM, - - -	WILLOW-HERB, - - -	Idem.	4-part.	4-pet.	- - -	caps. longis. 4-loc. 4-val.	
1 coloratum, Muhl. 2 E. tetragonum, L. et [Mich. an E. tetragonum, β. [obscurum Schreb.? Obs. Planta omnino interitum colorata.	coloured, - - -	-	-	purp.	foliis lanceolatis, serrato-denticulatis, imis oppositis, supernis alternis; caule ramossissimo, lineis prominentis, quasi subquadrangulato.	-	flo. Augusto
2 lineare, - Muhl. 2 E. oliganthum, Mich.	linear-leaved, - - -	-	-	alb.	foliis linearibus, integerrimis.	-	flo. Julio.
182 VACCINIUM, - - -	WHORTLE-BERRY, - - -	Idem.	4-5-fid.	4-5-fid.	- - -	bac. 4-loc. polysp.	
1 stamineum, - L. 2	green-wooded, - - -	-	-	alb.	foliis oblongo-ovatis, acutis, integerrimis.	-	flo. Maio.
2 resinousum, - Ait. 2	clammy; Black Huckleberry.	-	-	purp.	foliis tenuibus, oblongo-ovalibus, integris, subtus resinosis.	-	flo. Maio.
3 macrocarpon,* Ait. V. occycoccos, β. oblongifolius, Mich.	American Cranberry.	-	-	alb.	foliis oblongis, obtusis.	-	flo. Maio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Ichnu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
4 <i>asonorophum</i> , Mich. $\text{\textcircled{h}}$ <i>V. amicum</i> , Ait. <i>V. corymbosum</i> , L.	broad-leaved, corymbed,	- - - - -	-	alb. purp.	foliis oblongo-ovalibus acutis, sub-serratis.	-	fl. Aprili.
5 frondosum, Mich. <i>nec</i> $\text{\textcircled{h}}$ <i>V. dumosum</i> , Muhl.	bushy, low,	- - - - -	-	alb.	foliis oblongo-ovalibus glandulato-puberulis.	-	fl. Junio.
ORDO II.—TRIGYNIA.							
183 POLYGONUM, - - -	KNOTWEED, - - -	Dicoty.	O.	4-5-part.	- - - - -	sem. 1, triquetrum.	-
1 <i>Virginianum</i> , Mich. $\text{\textcircled{h}}$ <i>P. rostratum</i> , Muhl.	Virginian, - - -	- - -	-	alb.	foliis ovalibus, spicis longissimis: floribus inequalibus 5-andris digynis.	-	fl. Augusto
2 <i>hydropiper</i> , - L. $\text{\textcircled{h}}$	Water-pepper; Biting Persicaria.	- - -	-	alb. purp.	foliis lanceolatis, undulatis; floribus hexandris, semidigynis.	-	fl. Augusto
3 <i>album</i> , - Muhl. $\text{\textcircled{h}}$	white, - - -	- - -	-	alb.	foliis lanceolatis, acutis. -	-	fl. Septembri.
4 <i>persicaria</i> , - L. $\text{\textcircled{h}}$ <i>\beta. albidum</i> .	spotted, - - -	- - -	-	alb. purp.	foliis lanceolatis; floribus hexandris digynis.	-	fl. Julio.
5 <i>barbatum</i> , - Willd.	bearded, - - -	- - -	-	alb.	foliis oblongis, acutis, glabris; floribus hexandris, trigynis.	-	fl. Augusto
6 <i>orientale</i> , Cic. L. $\text{\textcircled{h}}$	oriental; Tall Persicaria.	- - -	-	cocc.	foliis ovatis, stipulis hypocrateriformibus; floribus hexandris, digynis.	-	fl. Augusto
7 <i>Pennsylvanicum</i> , L. $\text{\textcircled{h}}$	Pennsylvanian, - - -	- - -	-	purp.	foliis lanceolatis, stipulis multatis; floribus octandris, digynis.	-	fl. Augusto
8 <i>aviculare</i> , Willd. $\text{\textcircled{h}}$ <i>\alpha. angustifolium</i> , Mich.	common Knot-grass.	- - -	-	lutes.	foliis lanceolatis caule decumbente; floribus octandris trigynis.	-	fl. Julio.
9 <i>erectum</i> , - Willd. <i>P. aviculare</i> , $\beta$ latifolium, [Mich.]	upright Knot-grass.	- - -	-	lutes.	foliis ovalibus; caule erecto; floribus octandris, trigynis.	-	fl. Septembri.
10 <i>limifolium</i> , Muhl. $\text{\textcircled{h}}$ <i>P. tenue</i> , - Mich.?	flax-leaved, - - -	- - -	-	alb.	ramosissimum; caulis ramulisque angulato-flexuosis; foliis linearibus, canaliculatis, superne brevibus quasi subulatis; omnibus stricte erectis, rigidis, sub-	-	fl. Julio.



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Covolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
11 sagittatum, - L. ☉	arrow-leaved,	- - - - -	-	alb. purp.	mucronatis, sessilibus: floribus axillaribus, remote alternis, solitariis. [ <i>Description milt.</i> ]	-	flo. Septembri.
12 arifolium, - L. ☉	halbert-leaved,	- - - - -	-	alb. purp.	foliis hastatis; floribus hexandris.	-	flo. Septembri.
13 fagopyrum, C. L. ☉	common or cultivated Buck-wheat.	- - - - -	-	alb.	foliis cordato-sagittatis.	-	flo. Augusto.
14 convolvulus, L. ☉	Twining Bind-weed; Black-Bind-weed; Climbing Buck-wheat.	- - - - -	-	alb.	foliis cordato-hastatis, caule volubili; floribus obtusatis.	-	flo. Julio.
15 scandens, - L. ♀	American climbing Buck-wheat.	- - - - -	-	alb.	foliis cordatis; caule volubili; floribus carinatis.	-	flo. Septembri.

## CLASSIS IX.—ENNEANDRIA.

## ORDO I.—MONOGYNIA.

184 LAURUS,	LAUREL; BAY.	Dicotyl.	Lauri.	O.	6-pet.	-	drupa, 1-sperm.
1 benzoin, - L. ♀ L. pseudo-benzoin, [Mich.]	Wild-alspice; Fever-bush; Spice-wood.	-	- - - - -	-	alb. lut.	-	flo. April.
2 sassaparilla, L. ♀	Sassafras-tree.	-	- - - - -	-	lut.	-	flo. April.

## CLASSIS X.—DECANDRIA.

## ORDO I.—MONOGYNIA.

185 PODALYRIA,	PODALYRIA,	Idem.	Leguminosae.	5-fid.	5-pet.	-	legumen 1-loc. polysperm.
tinctoria, Muhl. et Willd. } Sophora tinctoria, L. } Baptisia tinctoria, Ait. }	dyers; Wild Indigo.	-	- - - - -	-	lut.	-	flo. Augusto
186 CERCIS,	CERCIS.	Idem.	Idem.	5-dent.	5-pet.	-	legumen compress. 1-loc.
Canadensis, - L. ♀	Sallad-tree; Red-bud; Judas-tree.	-	- - - - -	-	purp.	-	flo. April.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
187 <i>CASSIA</i> , - - -	<i>CASSIA</i> , - - -	<i>Dicoty.</i>	<i>Leguminosae</i> .	5-ph.	-	legumen dissepimentis transversis.	-
1 <i>Mariandica</i> , L. ♀	Maryland; Wild Senna.	-	-	-	-	-	-
2 <i>chamæchrista</i> , L. ☹	dwarf; Partridge-pea.	-	-	-	-	-	-
188 <i>MONOTROPA</i> , - - -	<i>BIRDSNEST</i> , - - -	-	-	-	-	-	-
1 <i>hipopithys</i> ,* L.	bunch-flowered, white,	-	-	-	-	-	-
2 <i>uniflora</i> , - L.	one-flowered; Broom-rape.	-	-	-	-	-	-
3 <i>lanuginosa</i> , Mich.	woolly, downy, - - -	-	-	-	-	-	-
189 <i>KALMIA</i> , - - -	<i>LAUREL</i> , - - -	<i>Idem.</i>	<i>Rhododendra.</i>	5-part.	-	-	-
1 <i>latifolia</i> , - L. ♀	broad-leaved; Ivy-laurel; Ivy; Calico-tree; Mountain-laurel.	-	-	-	-	-	-
2 <i>angustifolia</i> , L. ♀	narrow-leaved, - - -	-	-	-	-	-	-
190 <i>ANDROMEDA</i> , - - -	<i>ANDROMEDA</i> , - - -	<i>Idem.</i>	<i>Ericae.</i>	5-part.	-	-	-
1 <i>Mariana</i> , - L. ♀	oval-leaved, - - -	-	-	-	-	-	-
2 <i>racemosa</i> , - L. ♀ } A. paniculata, Walt. }	sweet-scented; Red-bud.	-	-	-	-	-	-
3 <i>paniculata</i> , Mich. <i>nec</i> ♀ } [Linnæi. ] A. racemosa, Lamark } [et Walt. ]	panicled, round capsuled,	-	-	-	-	-	-
191 <i>EPIGEA</i> , - - -	<i>GROUND-LAUREL</i> , - - -	<i>Idem.</i>	<i>Idem.</i>	duplex. 3-5-part.	-	-	-
<i>repens</i> , - L. ♀	creeping, - - -	-	-	-	-	-	-
192 <i>GAULTHERIA</i> , - - -	<i>GAULTHERIA</i> , - - -	<i>Idem.</i>	<i>Idem.</i>	duplex. 2-5-fid.	-	-	-
<i>procumbens</i> , L. ♀	Mountain-tea; Winter-green; Tea-berries; Berried-tea; Grouse-berry; Deer-berries; Partridge-berry; Pol-lom, of the Canada Indians.	-	-	-	-	-	-



Systematick Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
193 CLETHRA, - L. $\frac{1}{2}$	CLETHRA, - alder-leaved, sweet-scented,	Dicotyl.	Ericae.	5-pet. -	- - - -	caps. 3-loc. 3-val.	fl. Augusto
194 PYROLA, - L. $\frac{1}{2}$	WINTER-GREEN, - round-leaved,	Idem.	Idem.	5-pet. -	- - - -	caps. 5-loc. 5-val.	fl. Junio.
2 convoluta Obs. Hæcenus tantummodo varietas P. rotundifolia.	twisted-stemmed,	-	-	flaves.	foliis rotundatis, sive subrotundo-ovalibus rariter quasi acuminatis, petiolis alatis; pistillo declinato.	-	fl. Maio.
3 umbellata, - L.	umbell'd; Pippissevea.	-	-	alb.	foliis lanceolatis. [Descriptio mihl.]	-	fl. Junio.
4 maculata, - L.	spotted-leaved,	-	-	alb.	foliis maculatis.	-	fl. Junio.
ORDO II.—DIGYNIA.							
195 CHRYSOSPLENIUM, - L. $\frac{1}{2}$	GOLDEN-SAXIFRAGE, - opposite-leaved; Sengreen.	Idem.	Saxifragae.	4-5-fid.	- - - -	caps. 2-ros. 1-loc.	fl. Maio.
196 SAXIFRAGA, - L. $\frac{1}{2}$	SAXIFRAGE, - Pennsylvanian,	Idem.	Idem.	5-pet. -	- - - -	caps. 2-ros. 2-loc.	fl. Maio.
2 vernalis, Willd. et $\frac{1}{2}$ [Muhl. S. nivalis, L. S. Virginicensis, Mich. S. Virginica, Pers.]	early, spring, mountain,	-	-	alb.	foliis ovali oblongis, denticulatis.	-	fl. Maio.
197 MITELLA, - L. $\frac{1}{2}$	BASTARD AMERICAN SANICLE, - two-leaved,	Idem.	Idem.	5-fid. -	- - - -	caps. ovata, 1-loc. 2-val.	fl. Aprili.
198 SOLERANTHUS, - L. $\frac{1}{2}$	KNAWEEL, - annual, common; German Knot-grass.	Idem.	Portulacae.	5-dent. -	foliis cordatis subtrilobis dentatis.	caps. ovata, 2-sperm.	fl. Junio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
199 SAPONARIA,	-	-	-	-	-	-	-
1 officinalis,	L. ☿	-	-	-	foliis ovato-lanceolatis.	caps. obl. 1-loc.	flo. Augusto
2 vaccaria,	L. Cic. ☺	-	-	-	foliis ovatis, acuminatis, sessilibus.	-	flo. Augusto
200 DIANTHUS,	-	-	-	-	-	-	-
Armeria,	L. ☺	-	-	-	floribus aggregatis fasciculatis.	caps. cylind. 1-loc.	flo. Junio.
ORDO III.—TRIGYNIA.							
201 CUCUBALUS,	-	-	-	-	-	-	-
stellatus,	L. ☿	-	-	-	-	-	-
<i>Silene stellata</i> ,	Ait. }	-	-	-	foliis quaternis, ovato-lanceolatis.	caps. acum. 3-loc.	flo. Julio.
202 SILENE,	-	-	-	-	-	-	-
1 Pennsylvanica,	Mich.	-	-	-	foliis cuneatis, caulinis lanceolatis.	caps. cylind. 1-3-loc.	flo. Maio.
2 Virginica,*	L. ☿	-	-	-	-	-	flo. Maio.
3 Antirrhina,	L. ☺	-	-	-	foliis lanceolatis.	-	flo. Maio.
203 STELLARIA,	-	-	-	-	-	-	-
1 pubera,	Mich. ☿	-	-	-	-	caps. 1-loc.	-
2 gaminea,	Sm. et With. }	-	-	-	-	polysp.	flo. Maio.
<i>S. longifolia</i> ,	Muhl. }	-	-	-	-	-	-
<i>S. arvensis</i> ,	Hoffman. }	-	-	-	tota pubens; foliis ovalibus, ciliatis.	-	flo. Maio.
<i>S. dilleniana</i> ,	Moench. }	-	-	-	-	-	-
3 alsine, Hoff. Willd. }	-	-	-	-	foliis linearibus integerrimis.	-	flo. Junio.
[Pers. et Muhl. }	-	-	-	-	-	-	-
<i>S. uliginosa</i> , Schreb. }	-	-	-	-	caule decumbente; foliis oblongo-lanceolatis.	-	flo. Junio.
[Roth. }	-	-	-	-	-	-	-
Obs. Alsine medie habitus.	-	-	-	-	-	-	-
204 ARENARIA,	-	-	-	-	-	caps. ovat. 1-loc.	-
serpyllifolia,	L. ☺	-	-	-	foliis subovatis acutis, sessilibus.	3-6-val.	flo. Julio.



## ORDO IV.—PENTAGYNIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
205 PENTHORUM, - - - L. 2/	PENTHORUM, - - - American,	Dicoty. Sempervivae. - - -	5-fid. - - -	O. sive 5-pet. virid. lut.	- - - habitus Ledi.	caps. 5-fid. 5-loc.	flo. Augusto
206 OXALIS, - - - L. 2/	WOOD-SORREL, - - - Violet, tuberous,	Idem. Gerania. - - -	5-part. - - -	5-part. - - - viol.	- - - foliis ternatis, obcordatis, glabris.	caps. 5-gona, 5-loc.	flo. Maio.
2 stricta, - L. 2/ ☺	upright, - - -	- - - - -	- - - - -	lut.	- - - caule erecto ramoso; foliis ternatis obcordatis.	- - -	flo. Junio.
3 corniculata, - L. ☺ } O. corniculata, β. Mich. } O. pusilla, - Sal. }	procumbent; Cuckow-bread.	- - - - -	- - - - -	lut.	- - - caule ramoso decumbente, radicante; foliis ternatis obcordatis.	- - -	flo. Maio.
207 AGROSTEMMA, - - - Cic. L. ☺ } githago, - Githago segetum, Dels. }	COCKLE, - - - corn,	Idem. Coryophylleae. 5-ph. - - -	5-ph. - - -	5-ph. - - - cær.	- - - hirsuta.	caps. 1-loc. 5-val.	flo. Junio.
208 CERASTIUM, - - -	MOUSE-EAR CHICKWEED,	Idem. Idem. 1-ph. - - -	1-ph. - - -	2-fid. 5-pet.	- - -	caps. 1-loc. apice dehiscent.	flo. Maio.
1 vulgatum, - L. ☺	common, broad-leaved,	- - - - -	- - - - -	alb.	- - - foliis ovatis.	- - -	flo. Maio.
2 viscosum, Willd. ☺	narrow-leaved, - - -	- - - - -	- - - - -	alb.	- - - foliis oblongis, obtusis.	- - -	flo. Maio.
3 semidecandrum, L. ☺	little, - - -	- - - - -	- - - - -	alb.	- - - decumbens; foliis oblongis obtusis.	- - -	flo. Maio.
4 arvense, - L. 2/	corn, field, Pink,	- - - - -	- - - - -	alb.	- - - foliis linearilanceolatis.	- - -	flo. April.
5 longe pedunculatum, ☺ } [Muhl.] }	clammy, long-flower-stalked,	- - - - -	- - - - -	alb.	- - - foliis lanceolatis; pedunculis elongatis.	- - -	flo. Maio.
209 SPERGULA, - - -	SPURREY, - - -	Idem. Idem. 5-ph. - - -	5-ph. - - -	5-pet.	- - -	caps. ovata, 1-loc. 5-val.	flo. Maio.
1 arvensis, - L. ☺	corn, field, rough-seeded,	- - - - -	- - - - -	alb.	- - - foliis verticillatis, pedunculis reflexis.	- - -	flo. Maio.
2 saginoides, Mich. 2/	Pearlwort, smooth, awl-shaped,	- - - - -	- - - - -	alb.	- - - foliis oppositis subulatis.	- - -	flo. Maio.
ORDO V.—DECAGYNIA.							
210 PHYTOLACCA, - - -	POKE, - - -	Idem. Polygonae. O. - - -	O. - - -	5-pet.	- - -	bacca orbic.	- - -
decandra, - L. 2/	common; Pigeon-berry; Cocum; Branching Phytolacca; Virginian Poke.	- - - - -	- - - - -	alb.	- - - floribus decandris, decagynis.	- - -	flo. Julio.

## CLASSIS XI.—DODECANDRIA.

## ORDO I.—MONOGYNIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
211 ASARUM, - - -	ASARABACCA, - - -	<i>Dicoty.</i>	Aristolochiaceae.	3-4-fid.	O.	-	-
Canadense, - Willd. 2	American; kidney-leaved,	-	-	-	foliis reniformibus mucronatis.	caps. coriacea, 6-loc.	flo. Maio.
212 PORTULACA, - - -	PURLANE, - - -	<i>Idem.</i>	Portulacaceae.	2-fid.	5-pet.	caps. 1-loc. circumsciss.	-
oleracea, - L. 2	common garden,	-	-	-	foliis cuneiformibus.	-	flo. Julio.
213 LYTHRUM, - - -	LYTHRUM, - - -	<i>Idem.</i>	Salicariaceae.	12-dent.	6-pet.	caps. 2-loc. tect.	-
verticillatum, L. 2	whorled-flowered; Grass Polly.	-	-	-	foliis oppositis, floribus verticillatis.	-	flo. Augusto

## ORDO II.—DIGYNIA.

214 AGRIMONIA, - - -	AGRIMONY, - - -	<i>Idem.</i>	Rosaceae.	5-fid.	5-pet.	sem. 1-2-in-calice.	-
1 eupatoria, - L. 2 } var. $\alpha$ . hirsuta.	hairy, - - -	-	-	-	caule hirsutissimo; foliis pinnatis, hirtis, foliolis oblongo-ovatis.	-	flo. Augusto
$\beta$ . glabra, - 2	smooth, - - -	-	-	-	caule glabro; foliis pinnatis glabris, foliolis oblongo-ovatis.	-	flo. Augusto
2 parviflora, Willd. 2	small-flowered, spotted,	-	-	-	foliis pinnatis, foliolis ovatis, obtusis.	-	flo. Augusto

## ORDO III.—TRIGYNIA.

215 EUPHORBIA, - - -	SPURGE, - - -	<i>Idem.</i>	Euphorbiae.	4-5-dent.	4-5-pet.	caps. 3-cocc.	-
1 hypericifolia, L. ☉	hypericum-leaved; or, St. John's wort-leaved,	-	-	-	foliis ovali-oblongis, serratis.	-	flo. Julio.
2 maculata, - L. ☉	spotted, - - -	-	-	-	foliis oppositis, serratis, oblongis, pilosis, maculatis.	-	flo. Julio.
3 Ipecacuanhæ, L. 2	Ipecacuanha, - - -	-	-	-	foliis integerrimis lanceolatis.	-	flo. Maio.
4 corollata, - L. 2	large-flowering, - - -	-	-	-	foliis oblongis, obtusis.	-	flo. Junio.
5 lathyris, C. L. 8	Caper, - - -	-	-	-	foliis lanceolatis, oppositis, integerrimis, quadrifariis.	-	flo. Junio.



## CLASSIS XII.—ICOSANDRIA.

## ORDO I.—MONOGYNIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
216 PHILADELPHUS,	MOCK-ORANGE,	Dicoty.	Myrti.	4-5-fid.	4-5-pet.	capsulae 4-5-loc. polysp.	
1 ignodorus, Hort. Walt. h	scentless; Philadelphus.	-	-	-	-	-	
2 coronaria, C. L. h } Syringa, —, Lamark. }	fragrant; Syringa.	-	-	-	-	-	flo. Junio.
217 PRUNUS,	CHERRY-TREE,	Idem.	Rosaceae.	5-fid.	5-pet.	drupa.	
1 cerasus, C. L. h	cultivated, sour,	-	-	-	-	-	flo. Junio.
2 avium, C. L. h	small-fruited, sweet,	-	-	-	-	-	
3 domestica, C. L. h	cultivated Plum-tree.	-	-	-	-	-	flo. Aprili.
4 Virginiana, L. et Willd. } P. rubra, — Ait. } Cerasus Virginiana, [Mich. et f.] }	Wild-cherry; Choke-cherry.	-	-	-	-	-	flo. Maio.
5 serotina, — Willd. } Obs. Vix discrepant praecedente, non tantum idem. }	late-flowering wild-cherry.	-	-	-	-	-	flo. Junio.
218 AMYGDALUS, — h	PEACH-TREE; ALMOND.	Idem.	Idem.	5-fid.	5-pet.	drupa.	
Persica, C. L. h	common,	-	-	-	purp.	-	flo. Aprili.

## ORDO II.—DIGYNIA.

219 CRATÆGUS,	HAWTHORN,	Idem.	Idem.	5-fid.	5-pet.	drupa.	
1 crus galli, — L. h } Mespilus lucida, Ehrhart. }	cockspur,	-	-	-	alb.	-	flo. Maio.
2 oxycantha, L. Cic. h	common, quickset,	-	-	-	alb.	-	flo. Maio.
3 * * * *	* *	-	-	-	alb.	-	flo. Maio.

## ORDO IV.—PENTAGYNIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
220 MESPILUS, -	MEDLAR, -	Dicoty.	Rosaceae.	5-fid.	5-pet. -	5-loc. -	
1 arbutifolia, - L. var. <i>erythocarpa</i> , Mich. <i>Pyrus</i> arbutifolia, [var. <i>α</i> . Willd. <i>P. arbutifolia</i> : <i>erytho-</i> <i>carpa</i> , Muhl. <i>Aronia</i> pyrifolia, Pers. <i>Crataegus</i> Virginiana, [Lamark et Miller.]	red-fruited; Swamp-service.	-	-	-	foliis subtus tomentosis; fructibus rubris.	-	fl. Maio.
♂. <i>melanocarpa</i> , Mich. <i>Pyrus</i> arbutifolia: <i>me-</i> [ <i>lanocarpa</i> , Muhl. <i>Aronia</i> arbutifolia, [Pers.]	black-fruited,	-	-	-	foliis subtus glabriusculis fructibus nigris.	-	fl. Maio.
2 arborea, - Mich. f. Canadensis, <i>β. cordata</i> , [Mich. <i>Pyrus</i> Botryapium, [Willd. <i>Aronia</i> Botryapium, [Pers.]	snowy; June-berries; Wild Pear-tree; Wild-service.	-	-	-	foliis obovalibus, conspicue acuminatis; juvenis albotomentosis, adultis glabris.	-	fl. Aprili.
221 PYRUS, -	PEAR, -	Idem.	Idem.	5-fid.	5-pet. -	pomum. 5-loc. -	
1 communis, C. L. h	common Pear.	-	-	-	foliis ovatis, serratis.	-	fl. Maio.
2 malus, C. - L. h	common Apple.	-	-	-	foliis ovato-oblongis, serratis, glabris.	-	fl. Aprili.
3 Cydonia, C. L. h } <i>Cydonia</i> cydonia, Pers. }	common Quince.	-	-	-	foliis ovatis, integerrimis.	-	fl. Maio.
222 MALUS, -	CRAB-APPLE TREE, -	Idem.	Idem.	5-fid.	5-pet. -	pomum. 5-loc. 2-sperm.	
coronaria, Miller. h } <i>Pyrus</i> coronaria, L. et [Mich.] }	sweet-scented,	-	-	-	foliis cordatis, inciso-serratis, angulatis, glabris.	-	fl. Maio.
223 SPIRÆA, -	SPIRÆA, -	Idem.	Idem.	5-fid.	5-pet. -	caps. polysperm.	
1 opulifolia, - L. h	Nine-bark.	-	-	-	foliis lobatis, duplicato-dentatis.	-	fl. Junio.
2 trifoliata, - L. 2	three-leaved; Indian-physick.	-	-	-	foliis trifoliatis; foliolis lanceolatis.	-	fl. Junio.



## ORDO V.—POLYGYNIA.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
224 ROSA, } Caroliniana, } R. parviflora, Muhl. }	ROSE, } Carolinian, Pennsylvanian, } wild, small-flowered wild, }	Dicotyl. } Rosaceae. }	5-fid. } - }	5-pet. } ros. }	- } pumila; foliolis ovalibus lan- } ceolatisve. }	sem. plura } in germin. }	flo. Junio.
225 RUBUS, } 1 Idæus, C. } 2 L. } 3 strigosus, Mich. }	BRAMBLE, } garden or cultivated Rasp- } berry. }	Idem. } - }	5-fid. } - }	5-pet. } alb. }	- } foliis quinato-pinnatis, ternatisque; subtus albo-tomentosis: foliolis subrhomboides.	bac. com- } pos. }	flo. Maio.
2 occidentalis, L. }	wild or American Raspberry; black Raspberry; Thimble-berry.	-	-	alb.	foliis trifoliatis; foliolis ovalibus promissis acuminatis, subtus cano-tomentosis.	-	flo. Maio.
3 strigosus, Mich. }	wild red Raspberry.	-	-	alb.	inermis, hispidissimus; foliolis 3 aut pinnato-quinis, ovalibus, subtus candido-tomentosis.	-	flo. Maio.
4 villosus, Ait. }	high Blackberry.	-	-	alb.	pubens; foliolis digitatis; foliolis absque albedine pubentibus.	-	flo. Maio.
5 R. hispida, Walt. }	low Blackberry; Dewberry; running or creeping Blackberry.	-	-	alb.	procumbens, rariter sarmentosa; foliolis digitatis; foliolis oblongo-ovalibus, non acuminatis.	-	flo. Maio.
226 FRAGARIA, }	STRAWBERRY, }	Idem. }	10-fid. }	5-pet. }	- }	recept. bac. }	
1 Virginiana, Ehrhart. 2 }	wild, }	- }	- }	alb. }	calyce fructus patente.	- }	flo. Maio.
2 vesca, L. Hort. 2 }	garden or cultivated, }	- }	- }	alb. }	calyce fructus reflexo.	- }	flo. Maio.
227 POTENTILLA, }	CINQUEFOIL; FIVE-FINGER. }	Idem. }	10-fid. }	5-pet. }	- }	sem. nud. }	
1 reptans, L. 2 }	running, }	- }	- }	lut. }	caule repente, sarmentoso; foliis quinatis.	recept. affix. }	flo. Maio.
2 Norwegica, L. 2 }	Norway, }	- }	- }	lut. }	caule dichotomo: foliis ternatis.	- }	flo. Julio.
3 Canadensis, L. 2 }	Canadian, }	- }	- }	lut. }	caule adscendente: foliis quinodigitatis cuneato-ovalibus.	- }	flo. Maio.
4 simplex, Mich. 2 }	simple-stalked, }	- }	- }	lut. }	caule erecto, simplice, hirsuto: foliis digitatis, oblongo-ovalibus; pedunculis solitariis elongatis unifloris.	- }	flo. Maio.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
228 GEUM, - - - L. 24 1 Virginianum, L. 24 G. Canadense, Jaquin, [nec Ait. et Murr.]	AVENS; BENNET. Virginian,	Rosaceae.	10-fid.	5-pet.	- - -	sem. barbat. arist.	-
2 hirsutum, Muhl. 24	hairy, rough,	- - -	-	lutesc. alb.	foliis caulinis ternatis, superioribus lanceolatis.	-	flo. Julio.
229 CALYCANTHUS, -	SHRUB; CAROLINA ALSPICE.	Idem.	polyph.	alb. lut. - O.	totum hirsutissimum.	-	flo. Junio.
floridus, - Hort. L. 6	sweet-scented, downy.	- - -	-	atropurp.	foliis ovalibus; floribus odoratissimis.	sem. intracal. succulent.	flo. Aprili.

## CLASSIS XIII.—POLYANDRIA.

## ORDO I.—MONOGYNIA.

230 ACTÆA, - - - L. 24 racemosa, - L. 24 A. monogyna, Walt.?	BANE-BERRY. Black Snake-root; Squaw-root; Rich-weed; Rattle-weed; American Herb-Christopher. BLOODWORT; BLOODROOT.	Rosaceae.	4-ph.	4-pet.	- - -	bac. v. caps.	flo. Julio.
231 SANGUINARIA, - -	Canadian; Puccoon; Indian-paint.	- - -	-	8-pet.	- - -	siliq. 1-loc.	-
Canadensis, - L. 24	MAY-APPLE. - - -	- - -	-	alb.	lactescens succo fulvo.	-	flo. Aprili.
232 PODOPHYLLUM, -	Mandrake; Ipecacuanha; Wild-lemons.	Ranunculaceae	3-ph.	9-pet.	- - -	bac. 1-loc.	-
pelatum, - L. 24	CELANDINE, - - -	- - -	-	alb.	foliis peltatis lobatis.	-	flo. Aprili.
233 CHELIDONIUM, -	great, common,	Papaveraceae.	2-ph.	4-pet.	pedunculis umbellatis.	siliq. 1-loc.	-
majus, - L. 24	SIDE-SADDLE FLOWER,	- - -	-	lut.	- - -	caps. 5-loc.	flo. Maio.
234 SARRACENIA, -	purple; hollow-leaved Lander; Water-brash.	Plantæ incertæ sedis duplex, supr. 5-ph. infr. 5-ph.	-	5-pet.	foliis cucullatis, ventricosis, patulis arcuatis.	-	flo. Junio.
235 NYMPHÆA, - -	WATER-LILY, - - -	Monocoty. Hydrocarides.	4-5-ph.	pet. plurima; germ. sub. stam. inserta.	- - -	bac. multiloc. polysp.	-
odorata, - - Ait. 24	sweet-scented, fragrant,	- - -	-	alb.	foliis cordatis integerrimis.	-	flo. Julio.



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
236 NUPHAR, - Sm. (Prodr. Flo. Græc. 1, p. 361.)	NUPHAR,	Monocoty.	Hydrocarides.	5-6-ph.			
1 lutea, Sm. et Ait. 2 } <i>Nymphaea lutea</i> , L. [Willd. &c.]	yellow-flowered; Water-lily.	-	-	-	pet. pluri- ma; recep. cum stam. insert. lut.	pet. pluri- ma; recep. cum stam. insert. lut.	
2 Kalmiana, Sm. et Ait. 2 } <i>Nymphaea Kalmiana</i> , [Bot. Mag. 1243.]	Canadian; least Water-lily.	-	-	-	foliis cordatis; lobis sub-ap- proximatis.	foliis cordatis; lobis sub-ap- proximatis.	fl. Julio.
N. lutea β. <i>Kalmiana</i> , [Mich.]	little yellow Water-lily.	-	-	-			
N. minima, Muhl. <i>nec</i> N. lutea, var. minima, [Willd.]		-	-	-			fl. Julio. et Augusto.
N. microphylla, Pers. } Obs. Aliquantum rari manifeste discrepans, magnitudine presertim, precedente, cui equidem perquam affinis. Differentia est notissima in foliis microphyllis. Flores etiam vix ultra seminucales sunt. De hac planta observavit Michaux "quamvis differentiam specificam (a <i>Nymphaea lutea</i> ) verbis notare non possim; diversa tamen videtur.		-	-	-			
3 advena, Sm. et Ait. 2 } <i>Nymphaea advena</i> , L. }	three-coloured Water-lily or Nuphar; common Splatter- dock.	-	-	-	foliis cordatis; lobis divarica- tis.	foliis cordatis; lobis divarica- tis.	fl. Julio.
237 TILIA, - - - Americana, Mich. f. b } T. Canadensis, Mich. } T. glabra, Muhl. }	LIME-TREE; LINDEN-TREE.  American; Bass-wood.	Idem.	Tiliaceae.	5-part.	5-pet.	caps. coria- cea.	
238 HELIANTHEMUM, Jus- [sieu et Mich.]	ROCK-ROSE, - - -	Idem.	Cisti.	5-ph. inæ- qual.	5-pet.	caps. 1-loc. 3-val.	fl. Junio.
Canadense, Mich. b } <i>Cistus Canadensis</i> , L. }	Canadian.	-	-	-	foliis erectis, lanceolatis, al- ternis, subtus minutim to- mentos. <i>Floribus</i> pauci- oribus, pedicellis solitariis. [Mich.]	foliis erectis, lanceolatis, al- ternis, subtus minutim to- mentos. <i>Floribus</i> pauci- oribus, pedicellis solitariis. [Mich.]	fl. Junio.
239 AQUILEGIA, - - - Canadensis, - L. 2 }	COLUMBINE, - - - Canadian, common wild,	Idem.	Ranunculaceae	O.	5-pet.	caps. 5.	fl. Aprili.

## ORDO V.—PENTAGYNIA.

## ORDO VI.—POLYGYNIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
240 LIRIODENDRON, tulipefera, L. <sup>h</sup>	TULIP-TREE; POPLAR. White-wood; Canæ-wood; Yellow-wood (in Canada.)	Magnoliæ.	3-ph.	6-pet.	-	samaræ imbricatæ.	fl. Junio.
241 MAGNOLIA, glaucâ, L. <sup>h</sup>	MAGNOLIA, sweet, swamp, small; White-bay; Beaver-tree; Swamp-sassafras; Castor-wood; Beaver-wood; Elk-bark; Indian-bark.	Idem.	3-ph.	9-pet.	-	strobilus.	
242 NELUMBium, speciosum, Willd. et <sup>2</sup> [Ait. <i>Nymphaea nelumbo</i> , L. <i>Cyamus nelumbo</i> , [Sm. Ex. Bot. <i>Nelumbo Indica</i> , Pers. <i>Nelumbium luteum</i> , [Mich. sed non. <i>Nelumbo lutea</i> , Personii. [quæ ille profecto fecit idem cum Nelumbio luteo Michauxi. Obs. Planta magnificentissima, a parte vegetabilium boreali Americæ triana, Regia.	NELUMBium, - - - yellow, shewy; Sacred Bean of India; Egyptian Bean.	Monocoty.	4-5-ph.	poly-petala.	-	fructus turbinatus.	fl. Julio.
243 ANNONA, triloba, - Hort. L. <sup>h</sup> <i>Orchidocarpum arietinum</i> , Mich. <i>Porcellia triloba</i> , Pers.	CUSTARD-APPLE, - - - three-fruited; Papaw.	Annonæ.	3-ph.	6-pet.	-	bac. polysp.	fl. Maio.
244 ANEMONE, 1 hepatica, L. <sup>4</sup> A. hepatica, obtusa [Muhl. et Mich. 2 Virginiana, L. <sup>2</sup> 3 quinquefolia, L. et <sup>2</sup> [Muhl. A. nemorosa, Mich. nec [Sm.]	WIND-FLOWER; ANEMONE. obtusæ; Hepatica. Virginian, five-leaved; Wood.	Ranunculaceæ	O.	6-9-pet.	-	sem. plura.	fl. Aprili. fl. Julio. fl. Maio.



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
4 thalictroides, L. 24 } Thalictrum anemonoides, Mich. }	Meadow-rue-leaved,	-	-	alb.	foliis caulinis simplicibus verticillatis, radicalibus biterminatis.	-	flo. Aprili.
245 CLEMATIS, - - -	VIRGINS'-BOWER, -	Dicoty. Ranunculaceae.	O.	4-5-pet.	-	sem. caudata.	-
Virginiana, - L. h	Virginian; Travellers'-joy.	-	-	alb.	foliis ternatis, foliolis cordatis, sublobato-angulatis, scandentibus.	-	flo. Augusto
246 THALICTRUM, - - -	MEADOW-RUE; RUE-WEED.	Idem. Idem.	O.	4-5-pet.	-	sem. ecaudat.	-
1 dioicum, - L. 24	dioicous, early-flowering,	-	-	ros.	foliis subrotundis, cordatis lobatis.	-	flo. Aprili.
2 rugosum, Willd. 24 Obs. Varietas T. flavi, vel T. spectabile, secundum Pers.	rough-leaved, -	-	-	alb.	foliis rugosis, venosis.	-	flo. Junio.
3 polygamum, Muhl. 24	polygamous, smooth, -	-	-	alb.	foliis subcordatis, obtuse lobatis, non venosis.	-	flo. Julio.
247 RANUNCULUS, - - -	CROWFOOT, - - -	Idem. Idem.	5-ph.	5-pet.	-	sem. nuda.	-
1 flamula, - L. 24	Small Spearwort.	-	-	lut.	foliis lanceolatis, subdentatis.	-	flo. Julio.
2 abortivus, L. 24	kidneyform-leaved, barren-flowered,	-	-	lut.	foliis radicalibus, cordatis, caulinis ternis.	-	flo. Aprili.
3 hispidus, Mich. 24 } R. hirtus, }	hairy, hispid, -	-	-	lut.	hirsutissimus; foliis ternatis, foliolis lobatis.	-	flo. Maio.
4 sceleratus, - L. 24	celery-leaved, -	-	-	lut.	foliis inferioribus palmatis, summis digitatis.	-	flo. Junio.
5 repens, - L. 24	creeping, - - -	-	-	lut.	foliis ternis, tenuibus, incisodentatis; pedunculis sulcatis, sarmentis repentibus.	-	flo. Maio.
6 aquatilis, - L. 24	water, - - -	-	-	lut.	foliis capillaribus.	-	flo. Julio.
7 bulbosus, Cic. L. 24	bulbous-rooted; common Butter-cups.	-	-	lut.	foliis compositis, pedunculis sulcatis, radix bulbosa.	-	flo. Maio.
8 Pennsylvanicus,* 24 ☉ } R. Canadensis, Jaquin. }	Pennsylvanian, -	-	-	lut.	hirsutus, foliis ternatis trifidis incis, subtus pilosis; caulicibus reflexis.	-	flo. Junio.
9 fascicularis, Muhl. 24	bundle-rooted, bunch-rooted,	-	-	lut.	foliis ternatis, subbipinnatis;	-	flo. Aprili.
10 trifolius, Willd. mss. } [ad Muhl. }	early-flowering, three-leaved, -	-	-	lut.	radix perquam fasciculata, foliis radicalibus trilobatis, caeteris trifoliatis, subtus hirsutissimis caule pilosisimo.	-	flo. Maio.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
248 CALTHA, palustris, L. 4 <i>Pofulago palustris</i> , [Scop.]	MARSH-MARIGOLD, common; Meadow-cowslip.	Dicoty. Ranunculaceae.	O.	5-pet.	-	caps. poly- sperm.	-
249 HYDRASTIS, - - - L. 2 Canadensis,* <i>Warnera Canadensis</i> , [Miller.]	YELLOW-ROOT, - - - Canadian, - - -	Idem. Idem.	O.	3-pet.	foliis cordato-reniformibus, - - - folia bina, petiolata, palmata.	- bac. com- pos.	flo. Aprili. - flo. Maio.
CLASSIS XIV.—DIDYNAMIA.							
ORDO I.—GYMNOSPERMLA.							
250 TEUCRIUM, Canadense, L. 4	GERMANDER, nettle-leaved, wild,	Dicoty. Labiatae.	5-fid.	ring.	-	sem. 4, sub- rotund.	flo. Julio.
251 SATUREJA, hortensis, C. L. 5	SAVOURY, common summer, -	Idem. Idem.	5-dent.	ring.	-	sem. 4, sub- rotund.	-
252 HYSSOPUS, 1 officinalis, C. L. 4	HYSSOP, official, -	Idem. Idem.	5-dent.	ring.	-	sem. 4, sub- ovat.	flo. Julio, et Augusto.
2 nepetoides, 3 scrophularifolius, 2 [Willd.]	Cat-mint, yellow, water-betony-leaved, red,	- - - -	- - - -	ochroleuc.	foliis lanceolatis, ovatis, acu- minatis, acute dentatis. foliis cordato-ovatis, acumini- natis, obtuse dentatis.	- - - -	flo. Julio.
253 NEPETA, cataria, L. 4	CAT-MINT; NEP; CATNEP. common, -	Idem. Idem.	5-dent.	ring.	-	sem. 4, sub- ovat.	flo. Augusto
254 LAVANDULA, spica, C. L. 4	LAVENDER, common, -	Idem. Idem.	ovat. sub- dentat.	alb. resupinat. cær.	foliis petiolatis, cordatis, den- tato-serratis. - - - foliis sessilibus, lanceolato- linearibus.	- - - -	flo. Julio.

Obs. Simili precedenti, differt duras-  
tate, hinc et floris, cord. majori  
rubunda. — // Willd.



Systematic Names.	English, Vagab., and Vernacular Names.	Natural Families of Jussieu.	Calic.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
255 MENTHA, - - - L. 24	MINT, - - -	Labiatae.	5-dent.	4-part.	- - -	sem. 4, parv.	
1 viridis, - - - L. 24	spear, - - -	-	-	alb.	foliis lanceolatis, nudis, serratis, sessilibus.	-	flo. Augusto
2 piperita, - - - 24	pepper, - - -	-	-	cær.	foliis subovatis, petiolatis.	-	flo. Augusto
3 Canadensis, L. 24 } M. Borealis, Mich.	Canada; Horse-mint.	-	-	alb. cær.	foliis petiolatis, ovali-lanceolatis.	-	flo. Julio.
256 GLECHOMA, - - -	GROUND-IVY; GILL.	Idem.	5-fid.	ring.	- - -	sem. 4, ovat.	
hederacea, - L. 24	common; Alehoof.	-	-	cær.	foliis lato-reniformibus, cre-natis.	-	flo. Aprili.
257 LAMTUM, - - -	ARCHANGEL,	Idem.	5-dent.	ring.	- - -	sem. 4, triquet.	
amplexicaule, L. ☉	stem-clasping; Great Henbit; Henbit-Archangel.	-	-	purp.	foliis floralibus, amplexicaulibus.	-	flo. Aprili.
258 STACHYS, - - -	WOUND-WORT; HEDGE-NETTLE,	Idem.	5-fid.	ring.	- - -	sem. 4, ovat. angul.	
aspera, - Mich. 24	rough,	-	-	albopurp.	foliis subpetiolatis, lanceolatis, argute serratis.	-	flo. Julio.
259 MARRUBIUM, - - -	HOARHOUND, - - -	Idem.	10-dent.	ring.	- - -	sem. 4, obl.	
vulgare, - L. 24	common, - - -	-	-	alb.	foliis subrotundo-ovatis, dentatis.	-	flo. Junio.
260 LEONURUS, - - -	MOTHER-WORT, - - -	Idem.	5-dent.	ring.	- - -	sem. 4, obl.	
cardiaca, - L. 24 ♂	common, - - -	-	-	alb.	foliis cuneiformi-ovatis, trilobis, dentatis.	-	flo. Junio.
261 CLINOPODIUM, - - -	BASIL-WEED; WILD-BASIL.	Idem.	ring.	ring.	- - -	sem. 4, ovat.	
vulgare, - L. 24	common, - - -	-	-	purp.	capitulis subrotundis, bracteis setaceis.	-	flo. Augusto
262 PYCNANTHEMUM, Mich. 24 incanum, Mich. 24 } Clinopodium incanum, [L. Brachystemum incanum, [L. Origanum incanum, [Walt.]	BASIL, - - -	Idem.	tubulatus, striatus.	lab. sup. subintegr. infer. trifid.	- - -	ut prece-dente.	
	hoary, - - -	-	-	rubel.	foliis petiolatis, ovalibus, serratis, molliter incano-to-mentos.	-	flo. Augusto
263 BRACHYSTEMUM, - - -	BRACHYSTEMUM, - - -	Idem.	5-dent.	ring.	- - -	sem. 4, obl.	
1 verticillatum, Mich. 24	whorled, - - -	-	-	alb.	foliis ovali-lanceolatis, integris; verticillis paucis, compactis.	-	flo. Augusto

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
2 Virginicum, Mich. 2 B. limifolius, Willd. Thymus Virginicus, L. Pycnanthemum Virg- nicum, Ait. [H. K. 1811.]	Virginian Thyme.	-	-	alb.	foliis linearibus, integerrimis.	-	flo. Augusto
3 lanceolatum, Muhl. 2	lance-leaved, or spear-leaved,	-	-	alb.	foliis lanceolatis.	-	flo. Augusto
4 muticum, Mich.	tooth-leaved,	-	-	alb.	foliis lanceolatis, ovalibus, glabellis, rarter dentatis.	-	flo. Augusto
264 ORIGANUM, -	MARJORAM, -	Dicotyl.	5-dent.	ring.	-	sem. 4, ovat.	
1 vulgare, - L. 2	common, wild, purple,	-	-	purp.	spicis subrotundis, paniculatis conglomeratis; bracteis coloratis.	-	flo. Julio.
2 majorana, C. L. ☺	sweet, cultivated, or knotted,	-	-	alb.	foliis petiolatis ellipticis obtusis.	-	flo. Julio.
265 THYMUS, -	THYME, -	Idem.	ring.	ring.	-	sem. 4, sub-oval.	
1 serpyllum, C. L. h	Mother of, procumbent,	-	-	viol.	foliis planis obtusis, basi ciliatis: caulinis decumbentibus.	-	flo. Junio.
2 vulgaris, C. - L. h	common, erect,	-	-	viol.	foliis revolutis, ovatis linearibusque; caule erecto.	-	flo. Junio.
266 HEDEOMA, Pers. pulegioides, - Pers. ☺ Cnicus pulegioides, L. }	HEDEOMA. -	Idem.	bilabiat. basirring. gibb.	-	-	sem. 4, nuda.	
267 MELISSA, -	common Pennyroyal.	-	-	cær.	foliis oblongis, serratis.	-	flo. Augusto
officinalis, C.? L. 2	BALM, -	Idem.	ring.	ring.	-	sem. 4, ovat.	
268 OCEYUM, -	officinal, common,	-	-	alb.	foliis ovatis, acutis, serratis.	-	flo. Augusto
basilicum, C. L. ☺	BASIL, -	Idem.	lab. sup. or-ring. biculat. infer. 4-fid.	-	-	-	
269 TRICHOSTEMA, -	common sweet,	-	-	-	foliis ovatis, glabris.	-	flo. Julio.
dichotoma, - L. ☺	TRICHOSTEMA, -	Idem.	ring.	ring.	-	sem. 4, sub-rotund.	
270 SCUTELLARIA, -	Marjoram-leaved, forked, annual,	-	-	cær.	foliis lato-linearibus.	-	flo. Augusto
1 integrifolia, L. 2	SCUTELLAR, -	Idem.	l-ph. integr. ring.	ring.	-	sem. 4, sub-rotund.	
	entire-leaved,	-	-	alb. cær.	foliis integris.	-	flo. Junio.



Systematic Names.		English, Vulgar, and Vernacular Names.		Natural Families of Jussieu.		Caliv.	Corolla.	Form of the Leaves, &c.		Fruit.	Time of Flowering.
2 ovalifolia,	Muhl. 4	oval, or elliptic-leaved,	-	-	-	-	cær.	foliis ellipticis sessilibus, serratis; superioribus lanceolatis.	-	-	fl. Junio.
( <i>elliptica</i> )											
3 hyssopifolia,	L. 4	hyssop-leaved,	-	-	-	-	alb. cær.	foliis lanceolatis obtusis, scabris.	-	-	fl. Junio.
4 lateriflora,	L. 4	side-flowering; Virginian,	-	-	-	-	cær.	foliis laxibus, carina scabris; racemis lateralibus.	-	-	fl. Augusto
271 PRUNELLA,	-	SELF-HEAL,	-	Dicoty.	Labiatae.	ring.	ring.	-	-	sem. 4, sub-ovat.	-
Pennsylvanica, Willd. 2											
P. vulgaris, Walt.		Pennsylvanian.	-	-	-	-	-	-	-	-	-
Brunella vulgaris, [Mich.]											
var. $\alpha$ . ovata,	-	egg-shaped-leaved,	-	-	-	-	cær. vel. alb.	foliis ovatis.	-	-	fl. Junio.
$\beta$ . lanceolata,	-	spear-leaved,	-	-	-	-	-	foliis lanceolatis.	-	-	fl. Septembri.
Obs. Smilina P. vulgare Linnei, non certe idem.											
272 PHRYMA,	-	PHRYMA,	-	Idem.	Idem.	ring.	ring.	-	-	sem. 1, obl.	-
leptostachya,	L. 4	slender-spiked, small-flowered,	-	-	-	-	purp.	foliis ovalibus, serratis, petiolatis.	-	-	fl. Julio.
273 VERBENA,	-	VERVAIN,	-	Idem.	Vitices.	5-dent.	5-fid.	-	-	sem. 2-4, nuda.	-
1 hastata,	L. 4	halberd-leaved, common	-	-	-	-	cær.	foliis lanceolatis, inciso-serratis.	-	-	fl. Julio.
2 urticifolia,	L. 4	nettle-leaved,	-	-	-	-	alb.	foliis ovalibus, vel ovali-lanceolatis, acutis.	-	-	fl. Julio.
3 spuria,	L. 4	spurious,	-	-	-	-	alb. cær.	caule ramosissimo, divaricato; foliis ovalibus incisis.	-	-	fl. Junio.

## ORDO II.—ANGIOSPERMIA.

274 BARTSIA,	-	BARTSIA,	-	Idem.	Pediculares.	2-lob.	ring.	-	-	caps. ovat. 2-loc. 2-val.	fl. Maio.
coccinea,	- 4	scarlet,	-	-	-	-	-	foliis alternis, linearibus; bracteis superne coccineis.	-	-	-
275 MELAMPYRUM,	-	COW-WHEAT,	-	Idem.	Idem.	4-fid.	ring.	-	-	caps. 2-loc. 2-val.	fl. Junio.
Americanum, Mich. ☉											
M. lineare, Muhl.		American, linear-leaved,	-	-	-	-	alb.	foliis lineari-lanceolatis.	-	-	fl. Junio.
var. $\beta$ . latifolium,	-	broad-leaved, early-flowering	-	-	-	-	alb.	foliis lanceolatis.	-	-	fl. Maio.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jusieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
276 SCHWALBEA, - - - Americana,* L. 4	SOHWALBEA, - - - American, - - -	Idem.	Scrophulariace. 4-fid.	- ring. striatus.	- - -	caps. 2-loc. 2-val.	flo. Septembri.
277 PEDICULARIS, - - - Canadensis, - L. 2 } P. verna, Muhl. }	LOUSEWORT, - - - spring, Canadian, - - -	Idem.	Pediculares. 5, vel. 2-fid.	- ring.	- - -	caps. 2-loc. apice. detrise.	flo. Maio.
278 GERARDIA, - - -	GERARDIA, - - -	Idem.	Scrophulariace. 5-fid.	- ring.	- lutesc. purcapitulo basi frondoso. purea.	caps. 2-val. 2-loc. aspic. detr.	flo. Augusto
1 purpurea, - L. ☉ Obs. Planta perquam facie et magnitudine variat.	purple; wild Foxglove.	-	-	- purp.	- foliis angusto-linearibus.	-	flo. Septembri.
2 flava, - L. (sive glauca.)	yellow, glaucous, -	-	-	- lut.	- foliis lanceolatis.	-	flo. Augusto
3 villosa, - Willd. } G. heterophylla, Muhl. }	hairy, various-leaved, -	-	-	- lut.	- foliis diversis, villosis.	-	flo. Septembri.
4 pedicularia, - L. Obs. Hæc omnes Gerardiz species, quando exsiccantur, nigrescunt; florum G. purpureæ solutissimo color permarebit.	bushy, Lousewort-like.	-	-	- lut.	- foliis duplicatim inciso-serratis, subpinnatifidis.	-	flo. Augusto
279 CHELONE, - - -	SNAKE-HEAD, - - -	Idem.	Bignoniæ. 5-ph.	- ring.	- - -	caps. ovat. 2-loc. 2-val.	flo. Augusto
glabra, - - L. 4	smooth, - - -	-	-	- alb.	- foliis ovalibus, vel lanceolatis.	-	flo. Junio.
280 PENSTEMON, - Mitch. pubescens, - Ait. 4 } Chelone penstemon, [L. et Walt. }	PENSTEMON, - - - hairy, pubescent, - - -	Idem.	Idem. 5-ph.	- ring.	- - -	caps. ovat. 2-loc. 2-val.	flo. Junio.
281 ANTIRRHINUM, - - - 1 linaria, L. Cic. 4 } Linaria vulgaris, Willd. }	SNAKEDRAGON; TOAD-FLAX. wild; Ranstead-weed; yellow-flowered,	Idem.	Scrophulariace. 5-part.	- ring.	- - -	caps. 2-val. subrotund.	flo. Maio, et per totam æstatem.
2 Canadense, L. 4	Canadian, blue-flowered,	-	-	- lut.	- - -	-	flo. Junio.
282 SCROPHULARIA, - - - Marilandica, L. 4 } S. nodosa; β. Ameri- [cana, Mich. }	FIGWORT, - - - Maryland, - - -	Idem.	Idem. 5-fid.	- car.	- foliis angusto-linearibus, erectis, obtusis, sparsis.	caps. 2-loc. 2-val. subrotund.	flo. Junio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
283 BIGNONIA,	BIGNONIA; TRUMPET-FLOWER.	Dicoty.	5-fid.	5-fid.	-	siliq. 2-loc. 2-val.	
1 catalpa, - L. 2	Catalpa-tree; Catawba-tree, (in southern states); Schaw-nes-wood, (in Louisiana); ash-leaved; Trumpet-creeper,	-	-	alb.	arboorea: foliis ternis; cordatis.	-	flo. Julio.
2 radicans, - L. 2	LINDERNIA, -	Idem.	-	lut. purp.	caule scandente: foliis pinna-tis.	-	flo. Julio.
284 LINDERNIA, - Muhl. } Gratiola anagallidea.	narrow-base-leaved,	-	5-part.	ring.	foliis ovatis, basi attenuatis.	caps. 1-loc. 2-val.	flo. Augusto
285 BUCHNERA, - L. 2	BUCHNERA, -	Idem.	5-dent.	5-fid.	-	caps. 2-loc. ovat. obl.	flo. Augusto
Americana,* - L. 2	American,	-	-	viol.	foliis lanceolatis dentatis, tri-nervis.	-	flo. Augusto
286 OROBANCHE, -	BROOM-RAPE,	Idem.	2-5-fid.	ring.	-	caps. 1-loc. 2-val. ova-to-oblong.	
1 Virginiana, L. } Obs. In radice Fagi frequentissima inventa, et secundum Mich. Ille tantummodo credit.	Virginian; Cancer-root.	-	-	purp.	caule ramoso; floribus parvu-lis, distanter alternis.	-	flo. Septem-bri.
2 uniflora, - Mich.	one-flowered,	-	-	cær. alb.	scapis unifloris; corolla re-curvata.	-	flo. Junio.
287 OBOLARIA, -	OBOLARIA, -	Idem.	2-ph.	4-fid.	-	caps. sub-ovat. 1-loc. 1-val.	
Virginica, - L. 2 } O. Caroliniana, Walt. } Obs. Plantula formosa et rara, primo vere florens.	Virginian,	-	-	alb.	foliis ovatis, congregatis, gla-bris.	-	flo. Aprili.
288 MIMULUS, -	MONKEY-FLOWER,	Idem.	5-dent.	ring.	-	caps. 2-loc. oval.	flo. Augusto
1 ringens, - L. 2	flower-gaping,	-	-	cær.	foliis lanceolatis sessilibus.	-	
2 alatus, - Ait. 2 } Obs. Similimus precedente.	wing-stalked,	-	-	cær.	foliis ovatis petiolatis; caule tetragona alato.	-	flo. Augusto

## CLASSIS XV.—TERADYNAMIA.

## ORDO I.—SILICULOSÆ.

289 DRABA, -	WITLOW-GRASS,	Idem.	4-ph. pa-tens.	4-pet.	-	siliq. ovali-obl. 2-loc.	
verna, L. ☉ } D. hispidula, Mich. } D. Americana, Bart. } D. verna, β. Americana, [Pers. } nec D. Caroliniana, Walt.	vernal,	-	-	alb.	foliis oblongis, acutiusculis, hirtis.	-	flo. Martis, et Aprili.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jusieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
290 LEPIDIUM,	-	PEPPER-WORT; PEPPER-GRASS	4-ph.	4-pet.	-	siliq. cordat. emag. 2-loc.	-
1 Virginicum, L. 2 ♂	Virginian, wild,	-	-	alb.	foliis radicalibus pinnatifidis caulibus linearilanceolatis.	-	flo. Junio.
2 sativum, C. L. ☺	cultivated; Garden-grass.	-	-	alb.	foliis oblongis, multifidis.	-	-
291 COCHLEARIA,	-	Idem.	4-ph. patens.	4-pet.	-	siliq. cordat. emarginat. 2-loc.	-
armoracia, C. L. 2	common table,	-	-	alb.	foliis lanceolatis, crenatis.	-	-
292 THLASPI,	-	Idem.	4-ph. patens.	4-pet.	-	siliq. obcordat.	flo. Aprili.
bursa pastoris, L. ☺	common,	-	-	alb.	foliis radicalibus pinnatifidis.	-	-
ORDO II.—SILICUOSÆ.							
293 DENTARIA,	-	TOOTHWORT; CORALWORT.	4-ph. conniv.	4-pet.	-	siliq. longiteres. 2-loc. 2-val.	flo. Aprili.
D. concatenata, Mich 2	jagged-leaved, bunch-rooted,	-	-	alb. purp.	foliis ternis ternatis, foliolis oblongis, incisis.	-	-
D. laciniata, Willd.	-	Idem.	4-ph. patens.	4-pet.	-	siliq. long. cylind. compress. 2-loc.	-
294 CARDAMINE,	-	-	-	alb.	foliis pinnatis: foliolis angulato-dentatis, obtusis.	-	flo. Maio.
Pennsylvanica, Willd. 2	Pennsylvanian Water-cress.	-	-	-	-	-	-
Sisymbrium nasturtium, L. ?	-	Idem.	4-ph. patens.	4-pet.	-	siliq. longiteres. 2-loc. 2-val.	flo. Junio.
Cardamine fontana, [Lamarck?]	-	-	-	lut.	foliis pinnatifidis serratis.	-	-
295 SISYMBRIUM,	-	Idem.	4-ph. conniv.	4-ph.	-	siliq. 4-gona, stricta, 2-loc. 2-val.	flo. Junio.
amphibium, L. et Willd. 2	amphibious; Water-radish.	-	-	lut.	foliis runcinatis.	-	flo. Maio, et Junio.
296 ERYSIMUM,	-	Idem.	-	lut.	foliis inferioribus lyratis, lobo terminali rotundato.	-	-
1 officinale, L. ☺	officinal,	-	-	-	-	-	-
2 barbarea, Cic. ? Sm. 2	Winter-cress,	-	-	-	-	-	-



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
297 ARABIS, - - -	WALL-CRESS; TURKEY-POD.	Dicoty.	4-ph. con-niv.	4-pet.	-	siliq. compress. linear. longiss.	
1 thaliana, Willd. et Curt. ☉	Mouse-ear,	-	-	alb.	foliis radicalibus oblongis, petiolatis, caulinis lanceolatis sessilibus.	-	flo. Aprili.
2 lyrata, - L. ☉	lyre-leaved,	-	-	alb.	foliis glabris: radicalibus linearibus. caulinis, subfalcatis.	-	flo. Aprili.
3 falcata, Mich. 24 } Canadensis, L. }	sickle-podded.	-	-	alb.	foliis lanceolatis, sessilibus, siliquis falcatis.	-	flo. Junio.
4 bulbosa, - Muhl. 24 } Cardamine rotundifolia, Mich. }	tuberous,	-	-	alb.	foliis suborbiculatis integris usculis.	-	flo. Maio.
298 TURRITIS, - - -	TOWER MUSTARD,	Idem.	4-ph. con-niv.	4-pet.	-	siliq. long. griss. stricta 4-gona, 2-loc. 2-val	flo. Maio.
lævigata, - Willd. 24	American smooth,	-	-	alb.	foliis glabris; radicalibus obovatis, serratis.	siliq. long. ter. depress.	
299 BRASSICA, - - -	CABBAGE,	Idem.	4-pet. con-niv.	4-pet.	-	-	
1 oleracea, C. L. ♂	common,	-	-	-	foliis lævibus, glaucis repandis.	-	
2 rapa, C. - L. ♂	common Dutch Turnip.	-	-	-	foliis radicalibus lyratis, scabris.	-	
300 SINAPIS, - - -	MUSTARD,	Idem.	4-ph. patens.	4-pet.	-	siliq. oblong. inferne torosa.	flo. Junio.
nigra, - Cic. L. ☉	common,	-	-	lut.	foliis summis, lineari-lanceolatis.	-	
301 RAPHANUS, - - -	RADISH,	Idem.	clausus setosus.	-	-	siliq. torosa teres, ovalis, 1-2-loc	
sativus, C. L. ☉ ♂	common,	-	-	-	foliis lyratis.	-	

## CLASSIS XVI.—MONADELPHIA.

## ORDO I.—TRIANDRIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
302 SISYRINCHIUM, -	SISYRINCHIUM, -	Dicoty.	Irides.	-	-	caps. obov. 3-loc. 3-val.	-
1 anceps, - Cavan. 2 }	iris-leaved; Blue-eyed Grass.	-	-	-	-	-	-
S. gramineum, Curt.		-	-	-	-	-	-
S. Bermudiana, Mich.?		-	-	-	-	-	-
2 mucronatum, Mich. 2 }	grass-leaved; pointed-leaved,	-	-	-	-	-	-
		-	-	-	-	-	-
303 GERANIUM, -	CRANE'S-BILL, -	Idem.	Gerania.	5-ph.	-	caps. 5-coc- ca rostrata.	-
1 maculatum, L. 2 }	spotted Crow-foot.	-	-	-	-	-	-
2 Columbinum? Willd. ☉	long-stalked,	-	-	-	-	-	-
3 Carolinianum, L. ☉ }	Carolina white-flowered,	-	-	-	-	-	-
		-	-	-	-	-	-

## ORDO IV.—DECAANDRIA.

## ORDO V.—POLYANDRIA.

304 SIDA, -	INDIAN-MALLOW, -	Idem.	Malvaceae.	5-fid. sim-plex.	-	caps. plures 1-3-sperm.	-
1 spinosa, - L. ☉	thorny, prickly, -	-	-	-	-	-	-
2 abutilon, - Willd. ☉	round-leaved,	-	-	-	-	-	-
305 MALVA, -	MALLOW, -	Idem.	Idem.	duplex. 3 & 5.	-	caps. plures 2-val.	-
rotundifolia, - L. 2 }	round-leaved,	-	-	-	-	-	-
306 Hibiscus, -	HIBISCUS, -	Idem.	Idem.	dupl.	-	caps. 5-loc. 5-val.	-
1 palustris, - L. 2 }	marsh,	-	-	-	-	-	-
Obs. Habitus H. Moscheutos.		-	-	-	-	-	-
2 Syriacus, C. Willd. 2 }	common Althæa.	-	-	-	-	-	-
Althæa frutex, L.		-	-	-	-	-	-
3 esculentus, C. L. ☉	Okra.	-	-	-	-	-	-



## CLASSIS XVII.—DIADELPHIA.

## ORDO I.—HEXANDRIA.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
307 CORYDALIS, - Willd. 2/							
1 cucullaria, <i>Fumaria cucullaris</i> , [L. et Mich.							
<i>Bicucullata</i> Canaden- [sis, Marchant.	naked-stalked, tuberos, hooded; Dutchman's- breaches.	-	-	-	acaulis, scapo nudo, racemo secundo, cor. basi bicalca- ratis. Willd.	-	flo. Aprili.
<i>Diclytra</i> Canadensis, [Bork.]		-	-	-	caule debile, foliis multifidis.	-	flo. Aprili.
2 aurea, - Muhl. ☺	golden,	-	-	-			

## ORDO II.—OCTANDRIA.

308 POLYGALA, -	MILKWORT; POLYGALA,	<i>Idem.</i>	Pediculares.	5-ph.	-	papil.	caps. ob- cord. 2-loc.	
1 sanguinea, L. ☺	blood-coloured, caducous,	-	-	-	-	ros.	-	flo. Augusto
2 cruciata, - L. ☺	cross-shaped,	-	-	-	-	pallid. purp.	-	flo. Augusto
3 verticillata, L. ☺	whorled,	-	-	-	-	alb. ros.	-	flo. Julio.
4 lutea, - L. ☺	yellow-flowered,	-	-	-	-	lut.	-	flo. Augusto

## ORDO III.—DECANDRIA.

309 CROTALLARIA, -	RATTLE-BOX,	<i>Idem.</i>	Leguminosæ.	3-part.	-	papil.	legum. tur- gid. 1-loc.	
sagittalis, - L. ☺		-	-	-	-	lut.	2-val.	flo. Augusto
C. sagittalis, ß. oblon- [ga, Mich.]	arrow,	-	-	-	-	foliis ovali-oblongis.	-	
310 LUPINUS, -	LUPINE,	<i>Idem.</i>	Idem.	2-fid.	-	papil.	legum. cori- ac. 1-loc.	
perennis, - L. 2/	perennial, common,	-	-	-	-	car.	-	flo. Aprili.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calx.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
311 SPARTIUM, - - - scoparium, C. L. h	BROOM, - - - Spanish, - - -	Leguminosæ.	deorsum productus.	papil.	- - -	legum. obl. mono-aut. polysperm.	flo. Julio.
312 PHASEOLUS, - - - 1 vulgaris, C. L. ☺ 2 perennis, Willd. 2 } P. paniculatus, Mich. 3 lunatus, Hort. L. ☺ 4 nanus, C. L. ☺	KIDNEY-BEAN, - - - early, speckled, perennial, - - - Carolina Lima Bean. dwarf, - - -	Idem.	ring.	papil.	foliis ternatis, solitariisque oblongis. - - - leguminibus pendulis. foliis lato-ovatis; leguminibus falcatis. leguminibus acinaciformibus. leguminibus pendulis, compressis, rugosis.	legum. longum. cori- ac. - - -	flo. Julio. flo. Julio. flo. Julio.
213 GLYCINE, - - - 1 monoica, L. et Willd. ☺ var. $\alpha$ . alba, $\beta$ . cærulea, Obs. Flores sexu variant.—Mich. 2 angulosa, Willd. Phaseolus trilobus, [Mich. nec Willd. et Ait. qui Dolichos tri- lobus, Linnæi est. an P. angulosus, Pers.?	GLYCINE, - - - monoicous, wild pea-vine, white flowered, blue flowered, angular, three-lobed-leaved, long-stalked, - - - tuberous; Wild Potatoe-vine.	Idem.	ring.	papil. alb. cær.	caule retrorsum piloso; foliis trifoliatis, membranaceis.	legum. oblongum. - - -	flo. Augusto
3 peduncularis, Muhl. 2 } Phaseolus helvolus, [L. et Mich.]	long-stalked, - - -	- - -	- - -	purp.	foliis ternatis foliolis lateralibus bilobis, interdum rhomboideis ovalibus, terminali parabolico; superioribus trilobatis.	- - -	flo. Augusto
4 $\beta$ . parabolica, Muhl. mss. Obs. Cum precedente recedit: foramen altera speciei est.	- - -	- - -	- - -	purp.	foliis oblongo-ovalibus, subdeltoideo-oblongis, obtusiusculis: pedunculis longissimis.	- - -	flo. Septembri.
5 apios, - L. 2	- - -	- - -	- - -	pallid. purp.	foliis lanceolatis, subacuminatis; pedunculis longissimis.	- - -	flo. Septembri.
314 PISUM, - - - sativum, - L.	PEA, - - - common, - - -	Idem.	5-fid.	papil.	radice tuberosa esculenta; foliis pinnatis, foliolis ovalilanceolatis. petiolis teretibus; pedunculis multifloris.	legum. ventricos. - - -	flo. Augusto



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Caul.	Cerolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
315 VICIA, - - - Willd. 24 Americana,	VETCH, - - - American,	Leguminosae.	5-fid.	papil.	- - -	legum. long. 1-loc. 2-val.	fl. Maio.
316 STYLOSANTHES, Swa. elator, - - - Swa. S. hispida, β. hispidis- [sima, Mich. Trifolium biflorum, L. Arachis aprica, Walt.]	STYLOSANTHES, - - - tall, hispid, or hanging,	Idem.	5-part.	papil.	- - -	legum. 2, articul. rotund.	fl. Augusto
317 GALEGA, - - - L. 24 Virginiana, - - - Obs. Formosissima planta culturz in hortis nostris dignissima.	GOATS'-RUE, - - - Virginian, two-coloured,	Idem.	5-fid.	papil.	- - -	legum. long. compress.	fl. Junio.
318 LESPEDEZA, Mich. 24 1 sessiliflora, Mich. 24 Hedysarum reticulatum, Muhl. H. junceum, Walt. Medicago Virginica, L.	LESPEDEZA, - - - netted-leaved,	Idem.	5-part.	papil.	- - -	legum. pusillum len- ticulat, monosper.	fl. Septem- bri.
2 procumbens, Mich. 24 Hedysarum prostratum, Willd. nec H. divergens, Willd. (vide Pers.)	trailing, procumbent,	- - -	- - -	violac.	- - -	- - -	fl. Augusto
3 capitata, - Mich. h L. fruticosa, Pers. Hedysarum frutescens, L.	shrubby, - - -	- - -	- - -	alb. purp.	foliis subsessilibus foliolis ob- longis.	- - -	fl. Septem- bri.
4 polystachia, Mich. h Hedysarum hirtum, L.	many-spiked, hairy,	- - -	- - -	alb.	foliolis rotundato-ovalibus, spicis pedunculatis.	- - -	fl. Septem- bri.
319 HEDYSARUM, - - - * lomento 1-articulato. 1 violaceum, L. 24	HEDYSARUM, - - - violet-flowered, or Violet,	Idem.	5-fid.	papil.	- - -	leg. articulis 1-sperm.	fl. Augusto
2 divergens, Willd. 24	spreading, - - -	- - -	- - -	viol.	foliis ternatis, ellipticis obtu- sis. ramis divergentibus.	- - -	fl. Augusto
3 repens, Willd. 24 ** lomento plurivarticu- lato.	creeping, - - -	- - -	- - -	viol.	foliis ternatis, subrotundo-el- lipticis, emarginatis, caule repente.	- - -	fl. Augusto
4 paniculatum, L. 24	panicked, narrow-leaved,	- - -	- - -	purp.	foliis ternatis, lineari-lanceo- latis floribus paniculatis.	- - -	fl. Augusto


<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
5 viridiflorum, L. 4	green-flowered,	-	-	purp.	foliis trifoliatis, oblongo-ovalibus, sursum angustatis.	-	flo. Augusto
6 rotundifolium, Mich. 4 } H. canescens, Willd. }	round-leaved,	-	-	purp.	caule prostrato; foliis trifoliatis orbiculatis, utrinque pinnatis.	-	flo. Augusto
7 acuminatum, Mich. 4 } glutinosum, Muhl. }	clammy,	-	-	purp.	foliis trifoliatis, ovalibus, longe acuminatis.	-	flo. Julio.
8 nudiflorum, L. 4	naked-flowering,	-	-	violac.	ovali-trifoliatum: pedunculis subradicalibus.	-	flo. Augusto
9 Canadense, L. 4	Canadian,	-	-	purp.	foliis ternatis oblongo-lanceolatis.	-	flo. Julio.
10 bracteosum, Mich. ? } cuspidatum, Willd. }	sharp-pointed,	-	-	purp.	majusculum; foliis trifoliatis, oblongo-ovalibus, acuminatis; leguminibus articulatis subovalibus.	-	flo. Augusto
11 obtusum? -	-	-	-	cær.	foliis ternatis ovatis obtusis, basi rotundatis seu subcordatis.	-	flo. Augusto
320 TRIFOLIUM, -	TREFOIL.	Dicotyl.	Leguminosae. 5-dent.	papil.	-	leg. 1-val. decid.	-
1 reflexum, - L.	Buffaloe Clover.	-	-	rubr.	procumbens; floribus pedicellatis.	-	flo. Junio.
2 repens, - L. 4	white Clover.	-	-	alb.	caule repente.	-	flo. Junio.
3 pratense, Cic. L. 4	meadow red Clover.	-	-	rubr.	foliis ovalibus; stipulis aristatis.	-	flo. Junio.
4 arvense, - L. ☉	field; Hare's-foot; Bull's-clover.	-	-	alb.	spicis villosissimis, foliolis linearibus.	-	flo. Julio.
5 agrarium, L. ☉ } T. aureum, Pollich. }	large Hop-trefoil.	-	-	pallid. rubr. } flav.	spicis ovalibus; stipulis lanceolatis.	-	flo. Junio.
6 procumbens, Schreb. ☉ } T. minus, Sm. }	small Hop-trefoil.	-	-	lut.	caule ramisque procumbentibus; stipulis brevi-ovatis.	-	flo. Junio.
7 campestre, Schreb. ☉ } T. procumbens, Sm. }	least Hop-trefoil.	-	-	lut.	caule subdifuso.	-	flo. Junio.

## CLASSIS XVIII.—POLYADELPHIA.

## ORDO II.—POLYANDRIA.

321 HYPERICUM, -	ST. JOHN'S-WORT,	Idem.	Hyperica.	4-part.	5-pet.	-	caps. 1-5-loc subrotund.
1 Virginicum, L. 4 } H. emarginatum, β. La. }	Virginian,	-	-	-	luteo-purp.	foliis ellipticis obtusis, subcordatis amplexicaulibus.	flo. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 macratum, Walt. et 4 [Mich.] H. corymbosum, Willd.	black-spotted,	- - - - -	-	lut.	foliis floribusque nigro-punctatis.	-	flo. Junio.
3 perforatum, Cic. L. 4	common,	- - - - -	-	lut.	foliis obtusis, pellucido-punctatis.	-	flo. Junio.
4 parviflorum, Willd. H. mutillum, L. H. quinquenervium, [Walt. et Mich.]	small-flowered,	- - - - -	-	lut.	foliis ellipticis obtusis, sessilibus.	-	flo. Julio.
Obs. Omnitro diversum ab H. Canadensi.							
5 Canadense,  nec H. parviflorum, [Willd.]	Canadian,	- - - - -	-	lut.	foliis lineari-lanceolatis, caule quadrangulo.	-	flo. Julio.
6 * * *	angular,	- - - - -	-	lut.	caule quadrangulo erecto: foliis lanceolatis, obtusis, glabris stricte erectis: ramis oppositis,	-	flo. Julio.
322 ASCYRUM, - h	ANDREW'S-CROSS; ST. PETER'S DICOITY.	Hyperica.	4-ph.	4-pet.	- - - - -	caps. 1-loc. 2-3-val.	
1 hypericoides, Willd.	WORT. hypericum-like,	- - - - -	-	lut.	caule ancipite-erecto; foliis oblongis, rotundato-obtusis: ramis ancipitibus, floribus terminalibus sessilibus.	-	flo. Julio.
2 multicaule? -	many-stemmed,	- - - - -	-	lut.	foliis ovatis, basi attenuatis; caulis procumbentibus.	-	flo. Junio.

## CLASSIS XIX.—SYNGENESIA.

## ORDO I.—POLYGAMIA ÆQUALIS.

323 TRAGOPOGON, *	GOAT'S-BEARD,	Idem.	Cichoraceae. simpl.	ligul.	- - - - -	recep. nud. papp. pum. supit.	
portifolius, C. L. 8	purple; Salsafi; Vegetable Oyster; Oyster-plant.	- - - - -	-	purp.	pedunculis superne incrassatis.	-	
324 SONCHUS, -	SOW-THISTLE,	Idem.	imbric.	ligul.	- - - - -	recep. nud. papp. cap. pil. sessil.	
1 Floridanus, L. 8	blue-flowered,	- - - - -	-	cær.	foliis lyrato-subhastatis, seu ovali-lanceolatis, utrinque acuminatis.	-	flo. Augusto

Systematic Names.	English, Vulgar, and Vernacular Names	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
2 <i>oleraceus</i> , - L. ☺	common yellow-flowered,	-	-	lut.	foliis oblongo-lanceolatis, amplexicaulibus sinuatis.	-	flo. Junio.
3 <i>leucophæus</i> ? 2♂ [Willd. & Lanark.]	white-flowered, -	-	-	ochrol.	foliis runcinatis, acuminatis.	-	flo. Augusto
S. <i>spicatus</i> , -							
325 <i>LACTUCA</i> , -	LETTUCE, -	<i>Dicoty.</i>	imbric.	ligul.	-	recep. nud. capill. stipitat.	
1 <i>elongata</i> , Willd. et an <i>L. longifolia</i> , Muhl. Mich.?	tall; Fire-weed. -	-	-	lut.	foliis lævibus, inferioribus runcinatis, amplexicaulibus, superioribus lanceolatis, sessilibus.	-	flo. Julio.
2 <i>sativa</i> , C. - L. ☺	common, esculent, -	-	-	-	foliis rotundatis, caulibus cordatis.	-	
326 <i>PRENANTHES</i> , -	WHITE-LETTUCE; IVY-LEAF.	<i>Idem.</i>	imbric. calicul.	ligul.	-	recep. nud. papp. capill. sessil.	
1 <i>alba</i> , - L. 2♂	white-flowered, -	-	-	alb.	foliis subhastato-angulosis seu lobatis.	-	flo. Septembri.
2 <i>cordata</i> , Muhl. 2♂	heart-leaved, various-leaved,	-	-	ochrol.	foliis variis, plerumque cordatis, sæpe obsolete cordatis, lobatis.	-	flo. Augusto
327 <i>LEONTODON</i> , -	DANDELION, -	<i>Idem.</i>	imbric.	ligul.	-	recep. nud. papp. pilos. stipit.	
<i>taraxacum</i> , - L. 2♂	common, -	-	-	lut.	foliis runcinatis.	-	Aprilis et per totam æstatem.
328 <i>HIERACIUM</i> , -	HAWK-WEED, -	<i>Idem.</i>	imbric.	ligul.	-	recep. nud. papp. capill. sessil.	
1 <i>venosum</i> , - L. 2♂	veiny-leaved, -	-	-	lut.	folia venis et punctis sanguineis picta.	-	flo. Junio.
2 <i>Gronovii</i> , - L. 2♂	Gronovius' -	-	-	lut.	foliis radicalibus integerrimis obovatis, obtusis, ciliatis.	-	flo. Septembri.
3 <i>paniculatum</i> , L. 2♂	panicled, -	-	-	lut.	foliis alternis lanceolatis nudis, dentatis.	-	flo. Julio, et Augusto.
4 <i>scabrum</i> , - Muhl. 2♂ H. <i>marianum</i> , Willd.	rough, -	-	-	lut.	foliis elliptico-obovatis strictis carina villosis.	-	flo. Augusto
329 <i>HYOSCERIS</i> , -	SWINE'S SUCCORY, -	<i>Idem.</i>	imbric. calicul.	ligul.	-	recep. nud. papp. duplex. sessil.	
1 <i>amplexicaulis</i> , Mich. H. <i>prenanthoides</i> , Muhl. H. <i>biflora</i> , - Walt.	stem-clasping, -	-	-	lut.	foliis radicalibus oblongo-ovatis, subintegris.	-	flo. Junio.
2 H? <i>ramosissima</i> , -	branching, -	-	-	lut.	caule ramosissimo furcato; foliis linearibus.	-	flo. Augusto



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jusieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
330 KRIGIA, - - - - - Virginia, Willd. ☉ Hyosceris Virginia, [Mich.]	Virginian,	Cichoraceae.	simpl.	ligul.	-	recep. nud. papp. duplex.	flo. Maio.
331 CICHORIUM, - - - - -	ENDIVE, - - - - -	Idem.	calic.	ligul. 5-dent.	-	recep. sub-paleac. papp. 5-dent.	-
1 inybus, - L. 2	Wild Succory. - - - - -	-	-	alb. vel. cær.	foliis runcinatis. - - -	-	flo. Junio.
2 Endivia, C. L. β. crispum, [δ ☉]	common, - - - - -	-	-	-	foliis fimbriatis crispis.	-	-
332 ARCTIUM, - - - - -	BURDOCK, - - - - -	Idem.	imbric.	5-fid.	-	recep. paleac. papp. setosus. paleac.	flo. Septembri.
lappa, - - - L. 2	common, - - - - -	-	-	purp.	foliis cordatis, petiolatis.	-	-
333 CINARA, - - - - -	CINARA, - - - - -	Idem.	imbric.	-	-	recep. setos. papp. sessil. plumos.	flo. Augusto
scolymus, C. L. 2	common Artichoke. - - - - -	-	-	-	foliis subspinosus, pinnatis.	-	-
334 CNICUS, - - - - -	THISTLE, - - - - -	Idem.	imbric.	5-fid.	-	recept. villos. papp. plumos.	flo. Julio.
1 lanceolatus, L. ♂	common, - - - - -	-	-	purp.	foliis decurrentibus hispidis pinnatifidis, lobis spinosis.	-	flo. Augusto
2 discolor, - Muhl. ♂	two-coloured, - - - - -	-	-	purp.	foliis sessilibus pinnatifidis hirtis, subtus tomentosis lobis spinosis.	-	-
3 altissimus, Willd. ♂ 2	tall, - - - - -	-	-	albo purp.	foliis sessilibus oblongo-lanceolatis, scabris, subtus tomentosis.	-	flo. Septembri.
4 horridus, Mich. 2	yellow-flowered, - - - - -	-	-	lutes.	foliis sessilibus pinnatifidis acute subdivisis spinosis	-	flo. Maio.
335 VERNONIA, Schreb. } CHRYSOCEOMA, Walt. }	VERNONIA, - - - - -	Idem.	imbric.	5-fid.	-	recept. nud. papp. duplex.	-
1 Noveboracensis, Mich. 2 } Serratula Noveboracensis, L. }	long, or narrow-leaved, - - - - -	-	-	incarnat.	foliis lanceolatis, scabris serratis.	-	flo. Augusto

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruct.	Time of Flowering.
2 præalta, Mich. 2 Serratula præalta, L. Chrysocoma præalta, [H. P.]	tall, broad-leaved,	- - - - -	-	incarnat.	foliis ovato-lanceolatis serratis, subtus pubescentibus.	-	fl. Augusto
336 LIATRIS, Schreb. Anonymos, Walt.	LIATRIS, - - - - -	Dicoty.	imbric.	5-fid.	-	recep. nud. papp. plumos.	-
spicata, Willd. et Pers. 2 L. macrostachya, Mich. Serratula spicata, L. Sufraga spicata, Gaert.	large-spiked: Blue Blazing-star,	- - - - -	-	purp.	foliis linearibus integerrimis, glabris, basi ciliatis, nervosis et punctatis.	-	fl. Augusto
337 BIDENS, - - - - -	BURR-MARIGOLD, - - - - -	Idem.	imbric.	5-fid. subrad.	-	recep. paleac. papp. 2-4-arist.	-
1 cernua, - L. ☉	nodding, - - - - -	- - - - -	-	lut.	foliis lanceolatis, sub-connatis, dentatis: floribus cernuis.	-	fl. Septembri.
2 chrysanthemoides, ☉ [Mich. Coreopsis perfoliata, [Walt.]	large-flowered, - - - - -	- - - - -	-	lut.	foliis oblongis utrinque attenuatis dentatis, basi connatis.	-	fl. Septembri.
3 frondosa, L. ☉	leafy, - - - - -	- - - - -	-	lut.	foliis inferioribus pinnatis superioribus ternatis lanceolatis, serratis, cal. frondosa.	-	fl. Septembri.
4 bipinnata, - L. ☉	hemlock-leaved; common Spanish Needles.	- - - - -	-	lut.	foliis bipinnatis, foliolis lanceolatis pinnatifidis.	-	fl. Septembri.
338 CACALIA, - - - - -	CACALIA, - - - - -	Idem.	calicul.	4-5-fid.	-	recep. nud. papp. pilos.	fl. Julio.
atriplicifolia, L. 2 C. glauca, Muhl.	glaucous, orach-leaved,	- - - - -	-	alb.	foliis imis lato-cordatis sinuato-angulosis; caulibus subdeltoides.	-	-
339 MIKANIA, - - - - -	MIKANIA, - - - - -	Idem.	simpl.	5-fid.	-	recep. nud. papp. pilos.	fl. Augusto
scandens, - Willd. 2 Aupatorium scandens, L. }	smooth, climbing, - - - - -	- - - - -	-	alb.	foliis subhastato-cordatis, caule scandente.	-	-
340 EUPATORIUM, - - - - -	HEMPWEED, - - - - -	Idem.	imbric.	5-fid.	-	recep. nud. papp. subplumos.	-
1 hyssopifolium, Willd. 2	hyssop-leaved, - - - - -	- - - - -	-	alb.	foliis subverticillatis, lineari-bus.	-	fl. Augusto
2 sessilifolium, L. 2	sessile-leaved, - - - - -	- - - - -	-	alb.	foliis ovato-lanceolatis, sessilibus.	-	fl. Augusto
3 glandulosum, Mich. 2 E. album, - L. }	white, glandular, - - - - -	- - - - -	-	alb.	foliis sessilibus, longo-lanceolatis.	-	fl. Julio.
4 lanceolatum, Willd. 2	spear-leaved, - - - - -	- - - - -	-	alb.	foliis oblongo-lanceolatis, basi profunde serratis.	-	fl. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Cerolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
5 <i>teucrifolium</i> , Willd. 24	germander-leaved,	-	-	alb.	foliis sessilibus, ovatis, scabris.	-	fl. Augusto
6 <i>rotundifolium</i> , L. 24	round-leaved,	-	-	alb.	foliis sessilibus subrotundocordatis.	-	fl. Augusto
7 <i>mellisoides</i> , Willd. 24	balm-leaved,	-	-	alb.	foliis petiolatis ovatis, subserratis.	-	fl. Augusto
8 <i>ageratoides</i> , L. et 24 [Willd.]	nettle-leaved,	-	-	alb.	foliis ovatis, petiolatis, acuminatis trinerviis, serratis et glabris.	-	fl. Augusto
9 <i>trifoliatum</i> , Willd. 24	three-leaved, -	-	-	alb. purp.	foliis ternis, quaternisve ovatis, utrinque attenuatis.	-	fl. Augusto
10 <i>purpureum</i> , L. 24 Obs. Diversum ab <i>E. purpureo</i> Michx. chauxi.	purple; Trumpet-weed.	-	-	alb. purp.	foliis lanceolato-ovatis, petiolatis, serratis, scabris; <i>caule fistuloso</i> .	-	fl. Augusto
11 <i>maculatum</i> , L. 24	spotted-stalked, -	-	-	purp.	foliis ovato-lanceolatis, serratis subtus pubescentibus; caule solido sulcato.	-	fl. Julio.
12 <i>verticillatum</i> , Muhl. 24 E. <i>purpureum</i> , Mich. an <i>E. trifoliatum</i> , L.?	whorled, -	-	-	alb. purp.	foliis ovato-lanceolatis, basi cuneiformibus, verticillatis.	-	fl. Julio.
13 <i>verbenæfolium</i> , Mich. 24 an <i>E. lanceolatum</i> ?	vervain-leaved, -	-	-	alb.	foliis lanceolato-ovalibus, acutis, sessilibus.	-	fl. Julio.
14 <i>perfoliatum</i> , L. 24 E. <i>connatum</i> , Mich.	perfoliate; Boneset; Thorough-wort; Thorough-wax; Cross-wort; Indian Sage.	-	-	alb.	foliis connato-perfoliatis.	-	fl. Augusto

## ORDO II.—POLYGAMIA SUPERFLUA.

341 <i>TANACETUM</i> , -	TANSEY,	-	-	-	-	-	recep. con-
vulgare, C. - L. 24	common,	-	-	radiat.	foliis bipinnatis, incis, serratis.	-	vex. nud.
342 <i>ARTEMESIA</i> , -	WORMWOOD,	-	-	discoid.	-	-	recep. plan.
1 <i>abrotanum</i> , C. L. 24	Southernwood; Old-man.	-	-	-	foliis inferioribus bipinnatis, superioribus pinnatis.	-	subnud.
2 <i>absinthium</i> , C. L. 24	common,	-	-	-	foliis triplicato-pinnatifidis, subtus tomentosis.	-	-
3 <i>vulgaris</i> , - L. 24	Mugwort,	-	-	-	foliis pinnatifidis, subtus tomentosis	-	-

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
343 GNAPHALIUM, -	CUDWEED, -	Dicotyl.	Corymbiferae. imbric.	discoid.	-	recep. nud. papp. pilos vel plumos	flo. Augusto
1 margaritaceum, L. ☿	pearly; common Life-everlasting; Deadman's-flow-er; Coffin-plant.	-	-	alb. sive lut.	foliis linear-lanceolatis.	-	flo. April.
2 plantagineum, Muhl. ☿ } G. plantaginifolium, L. }	plantain-leaved,	-	-	alb.	foliis radicalibus obovatis.	-	flo. Junio.
3 dioicum, - L. ☿	dioicous; Mouse-ear.	-	-	alb.	foliis radicalibus spathulatis.	-	flo. Maio.
4 Pennsylvanicum, Willd.	Pennsylvanian,	-	-	alb.	foliis subspathulatis.	-	flo. Junio.
5 purpureum, - L. ☿	purple-flowered,	-	-	purp.	foliis linear-spathulatis, sub- tus tomentosis.	-	flo. Augusto
6 uliginosum, L. ☿	marsh, -	-	-	alb.	foliis linear-lanceolatis, u- trinque tomentosis.	-	flo. Augusto
344 CONYZA, -	PLOWMAN'S-WORT,	Idem.	Idem.	discoid. tu- bulos.	-	recep. nud. papp. ca- pill.	flo. Julio.
asteroides, - L. ☿ } Aster Marilandicus, [Plucknet et Mich. A. conyzoides, Muhl.]	aster-like,	-	-	alb.	foliis ovali-lanceolatis, su- perne sub-serratis.	-	flo. Julio.
345 ERIGERON, -	FLEA-BANE, -	Idem.	Idem.	radiat.	-	recep. nud. papp. ca- pill.	flo. Augusto
1 Canadense, L. ☿	annual,	-	-	alb.	foliis lanceolatis, imis serra- tis.	-	flo. Junio.
2 heterophyllum, Willd. ♂ } Aster annuus, L. }	various-leaved,	-	-	alb. cær.	foliis radicalibus subrotundo- ovatis, caulinis lanceolatis.	-	flo. Junio.
3 Philadelphicum, L. ☿	Philadelphian; Skevish; Sea- bish.	-	-	purp. cær.	foliis lanceolatis, subserratis.	-	flo. Maio.
4 pulchellum, Mich. } E. bellidifolium, Muhl. }	Robert's Plantain,	-	-	alb. cær.	hirsutum: foliis radicalibus oblongo-ovalibus.	-	flo. Maio.
346 TUSSILAGO, -	COLTSFOOT, -	Idem.	Idem.	varia.	-	recep. nud. papp. ca- pill.	flo. April.
farfara, C. - L. ☿	common,	-	-	lut.	foliis subcordatis, angulatis, denticulatis.	-	flo. Septem- bri.
347 SENECEO, -	GROUNDSEL,	Idem.	Idem.	radiat.	-	recep. nud. papp. ca- pill.	flo. Junio.
1 hieracifolius, Mich. ☿	hawkweed-leaved,	-	-	O.	foliis amplexicaulibus, ob- longis, acutis.	-	flo. Junio.
2 vulgaris, - L. ☿	common,	-	-	O.	foliis amplexicaulibus pinna- tidis dentatis.	-	



Systematic Names.		English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
3 aureus,	L. 2	golden, heart-leaved,	-	-	lut.	foliis radicalibus cordatis rotundato-obtusis; caulinis petiolo pinnatifidis.	-	flo. Maio.
4 obovatus,	Willd. 2	blunt-leaved,	-	-	lut.	foliis radicalibus obovatis serratis, petiolatis, caulinis pinnatifidis dentatis.	-	flo. Maio.
348 ASTER,	-	STAR-WORT,	Dicoty.	imbric.	radiat.	-	recep. nud. papp. capill.	-
1 solidagineus, Mich. 2	{	white-topped, solidago-like, or, golden-rod-like,	-	-	alb.	foliis lineari-oblancoelatis, obtusiusculis.	-	flo. Maio.
A. solidaginoides, Willd.								
A. dracunculoides, [Lamark?]								
Coryza linifolia, L. et [Walt.]								
2 linariifolius, Willd. et 2	{	savoury-leaved,	-	-	violac.	foliis linearibus, integrimis, mucronatis, margine serratis.	-	flo. Octobre.
an A. linariifolius, Mich.?								
3 ericoides, L. 2	{	heath-leaved,	-	-	alb.	foliis linearibus, integrimis.	-	flo. Septembri.
var. $\beta$ . A. tenuifolii, [secundum Muhl.]								
4 concolor, L. 2	{	woolly, bunch-flowered,	-	-	cær.	foliis ovali-lanceolatis integrimis, sericeo-tomentosis.	-	flo. Septembri.
Obs. Species pulcherrima.								
5 umbellatus, Ait. 2	{	umbell'd-flowered,	-	-	alb.	foliis lanceolatis, integrimis.	-	flo. Augusto
A. amygdalinus, Mich. [et Lamark.]								
6 amplexicaulis, Willd. 2	{	stem-clasping,	-	-	cær.	foliis ovato-oblongis, acutis, amplexicaulibus, cordatis serratis.	-	flo. Septembri.
var. $\gamma$ . A. cyanei, [secundum Muhl.]								
7 salicifolius, Ait. 2	{	willow-leaved,	-	-	cær.	foliis lineari-lanceolatis, integrimis, glabris.	-	flo. Septembri.
8 spurius, Willd. 2								
var. $\beta$ . Novæ Angliæ, [Muhl.]	{	spurious,	-	-	cær.	foliis lanceolatis, amplexicaulibus, basi auriculatis; caule piloso.	-	flo. Septembri.
9 phlogifolius, Willd. 2								
A. amplexicaulis, Mich.?	{	phlox-leaved,	-	-	cær.	foliis lanceolatis integrimis cordatis, amplexicaulibus.	-	flo. Septembri.
10 undulatus, L. nec Ait.								
var. $\beta$ . amplexicaulis, [Mich.]		waving-stemmed,	-	-	cær.	foliis oblongis, cordatis amplexicaulibus.	-	flo. Septembri.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
11 patens, Willd. et Pers. 24 A. diversifolius, Michx. A. undulatus, β. Ait.	spreading-branched, or, various-leaved,	-	-	-	ramis patentibus; foliis inferioribus, alato-petiatis, cordato ovalibus superioribus sessilibus, ovali-lanceolatis, foliis lanceolatis, subserratis, caule ramosissimo glabro, foliis inferioribus petiolatis, cordatis, argute serratis acuminatis.	-	flo. Septembri.
12 paniculatus, Willd. 24	panicled, smooth-stalked,	-	-	-	ramis patentibus; foliis inferioribus, alato-petiatis, cordato ovalibus superioribus sessilibus, ovali-lanceolatis, foliis lanceolatis, subserratis, caule ramosissimo glabro, foliis inferioribus petiolatis, cordatis, argute serratis acuminatis.	-	flo. Septembri.
13 cordifolius, L. et Michx. A. heterophyllus, Willd. }	heart-leaved,	-	-	alb. car.	foliis inferioribus petiolatis, cordatis, argute serratis acuminatis.	-	flo. Septembri.
14 corymbosus, Ait. 24	corymbed, heart-leaved,	-	-	alb.	foliis ovatis argute serratis, acuminatis, inferioribus cordatis petiolatis, nudis: caule corymboso-fastigiato foliis profunde et acuminatis serratis, longe acuminatis, petiolis alatis.	-	flo. Julio.
var. β. alatus, [mihi.]	wing-petioled,	-	-	alb.	foliis profunde et acuminatis serratis, longe acuminatis, petiolis alatis.	-	flo. Septembri.
15 macrophyllus, L. 24	large-leaved, -	-	-	albo-car.	foliis radicalibus imisque cordatis, petiolatis.	-	flo. Julio.
16 cornifolius, Muhl. 24	dogwood-leaved, cornel-leaved,	-	-	alb.	foliis ellipticis, basi et apice subacuminatis.	-	flo. Julio.
17 puniceus, - L. 24 A. hispidus, Lamark, [Dict. 35.] A. amœnus, No. 29.	red-stalked, hispid,	-	-	-	caule hispido, foliis subamplexicaulibus, lato-lanceolatis, rariuscule serratis.	-	flo. Septembri.
18 lævis, * - Ait. 24	smooth, -	-	-	-	foliis amplexicaulibus, oblongis integerrimis, lucidis: caule glabro.	-	flo. Octobre.
19 Philadelphicus, [mihi.] Obs. A. Tridacanti affinis.	Philadelphian,	-	-	alb.	ramis horizontalibus: foliis longiuscule linearibus.	-	flo. Augusto.
20 miser, - L. et Ait. 24	small-flowered, little white,	-	-	alb.	foliis lanceolatis, subserratis, glabris, sessilibus.	-	flo. Septembri.
21 pendulus, - Ait. 24	pendulous, -	-	-	alb.	foliis elliptico-lanceolatis, subserratis, glabris, reflexis; ramis pendulis.	-	flo. Septembri.
22 divergens, - Ait. 24	spreading, downy-stalked,	-	-	alb.	foliis elliptico-lanceolatis, serratis, glabris, caulibus linearilanceolatis, elongatis, ramis patentibus.	-	flo. fine Octobris.
23 diffusus, - Ait.	red-flowered,	-	-	alb.	foliis elliptico-lanceolatis, serratis, glabris.	-	flo. Septembri.
24 salsuginosus, Pur. Obs. Proximus A. subulato.	-	-	-	car.	foliis lanceolatis argute subserratis: caule rubro.	-	flo. Septembri.
25 tenuiculus, - [mihi.] Obs. Nova species A. fragili affinis.	slender-branched,	-	-	-	foliis linearibus vel linearilanceolatis, medio obsolete et sparse serratis: ramulis debilibus.	-	flo. Septembri.



Systematic Names.		English, Vulgar, and Vernacular Names.		Natural Families of Jussieu.		Calix.	Corolla.	Form of the Leaves, &c.		Fruit.	Time of Flowering.
349	SOLIDAGO,	-	-	-	-	-	-	-	-	recept. nud. papp. capill.	-
1	Canadensis, L.	4	Canadian,	-	-	-	radiat.	-	-	-	flo. Augusto
2	gigantea, Ait.	4	large,	-	-	-	lut.	-	foliis lanceolatis, trinervis interdum serratis, sæpe integerrimis.	-	flo. Septembri.
3	aspera, Ait.	4	rough-leaved,	-	-	-	lut.	-	foliis ovali-lanceolatis serratis rugosissimis.	-	flo. Septembri.
4	altissima, Ait. et Willd.	4	tall-stalked,	-	-	-	lut.	-	foliis lanceolatis, inferioribus profunde serratis, rugosis; caule hirsuto.	-	flo. Septembri.
5	scabra, Willd.	4	rough,	-	-	-	lut.	-	foliis oblongis acuminatis supra glabris, subtus rugosis scabris.	-	flo. Augusto
6	patula, Willd.	4	open-branched,	-	-	-	lut.	-	foliis ellipticis serratis, glabris, radicalibus oblongo-spathulatis: caule striato; racemis patentibus.	-	flo. Septembri.
7	ulmifolia, Willd.	4	elm-leaved,	-	-	-	lut.	-	foliis ellipticis profunde serratis acuminatis, subtus villosis: pedunculis villosis.	-	flo. Augusto
8	arguta, Ait.	4	sharp-notched, earliest flowering,	-	-	-	lut.	-	foliis glabris, argute serratis; caulibus ellipticis, radicalibus ovato-oblongis.	-	flo. Julio.
9	odora, Ait.	4	sweet-scented, anise-scented,	-	-	-	lut.	-	foliis crebris lanceolatis, integris, margine nervoque asperimis.	-	flo. Julio.
10	bicolor, L.	4	two-coloured,	-	-	-	alb.	-	foliis ovali-lanceolatis sublobatis.	-	flo. Augusto
11	petiolaris, Ait.	4	late-flowering,	-	-	-	lut.	-	foliis ellipticis scabriusculis petiolatis: caule villosis.	-	flo. fine Octobris.
12	lanceolata, Ait.	4	spear-leaved,	-	-	-	lut.	-	foliis lanceolato-linearibus integerrimis, trinervis, glabris.	-	flo. Augusto
Chrysochoma graminifolia, L.		[Mich. non idem.]	blue-stemmed,	-	-	-	lut.	-	foliis lanceolatis, glabris, caule lavi subglaucis.	-	flo. Octobre.
			wrinkled,	-	-	-	lut.	-	foliis lanceolatis, scaberimis, rugosis.	-	flo. Septembri.
13	cæsia, Ait.	4	crooked-stalked,	-	-	-	lut.	-	foliis petiolatis, ovatis acuminatis, serratis, glabris: caule flexuoso.	-	flo. Septembri.
14	rugosa, Willd.	4	-	-	-	-	-	-	-	-	-
15	flexicaulis, Ait.	4	-	-	-	-	-	-	-	-	-

Ola. Tota planta odoratissima.

Systematic Names.	English, Vulgar, and Vernacular <small>S. 111-8</small>	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
16 <i>laetifolia</i> , var. <i>β. flexicaulis</i> , se- [cundum L.]	MAH. 4	-	-	-	foliis ovatis, acuminatis, serratis.	-	flo. Septem- br.
17 <i>rigida</i> , - Ait. 4	heart-leaved,	-	-	lut.	foliis ovato-oblongis, pilosis scabris, caulinis integerrimis, infrinis serratis.	-	flo. Septem- br.
350 <i>INULA</i> , - - -	ELEGAMPANE, - - -	<i>Dicotyl.</i>	imbric.	radiat.	-	recep. nud. papp. cap- itul.	-
1 <i>helenium</i> , C. L. 4	common,	-	-	lut.	foliis amplexicaulibus ovatis rugosis; subtus tomentosis	-	flo. Julio.
2 <i>mariana</i> , Willd. 4	wild; Yellow-aster.	-	-	lut.	foliis sessilibus, oblongo-lan- ceolatis, basi attenuatis.	-	flo. Septem- br.
351 <i>HELENIUM</i> , - - -	HELENIUM, - - -	<i>Idem.</i>	simpl.	acut.	-	recep. nud. papp. 5- dent.	-
autumnale, - Willd. ☉	smooth; Sneeze-weed.	-	-	lut.	foliis serratis, glaberrimis.	-	flo. Augusto
352 <i>CHRYSANthemum</i> , -	Ox-EYE DAISY, - - -	<i>Idem.</i>	imbric.	radiat.	-	recep. nud. convex.	-
<i>leucanthemum</i> , L. 4	common; White-weed.	-	-	alb.	foliis amplexicaulibus lance- olatis serratis, basi inciso- dentatis.	-	flo. Maio.
353 <i>ANTHEMIS</i> , - - -	CHAMOMILE, - - -	<i>Idem.</i>	hæmisp. subæqualis	radiat.	-	recep. pale- ac. papp. mat. ac. O	-
1 <i>cotula</i> , - L. ☉	wild; May-weed.	-	-	alb.	foliis bipinnatis; foliolis sub- uatis tripartitis.	-	flo. Junio.
2 <i>nobilis</i> , C. - L. 4	common, or officinal,	-	-	alb.	foliis bipinnatis.	-	-
354 <i>ACHILLEA</i> , - - -	MILFOIL, - - -	<i>Idem.</i>	imbric.	radiat.	-	recep. pale- ac. papp. O.	flo. Junio.
<i>millefolium</i> , - L. 4	common; Yarrow.	-	-	alb.	foliis bipinnatis, hirtis.	-	-
355 <i>HELIOPSIS</i> , - Pers. 4	Ox-EYE, - - -	<i>Idem.</i>	imbric.	radiat.	-	recep. pale- ac.	-
<i>lævis</i> , - - - Pers. 4 <i>Bufthalmum</i> helian- [thoides, L. <i>H. tianthus</i> lævis, L. [et L'Her. Stirp. <i>Rudbeckia</i> oppositifo- lia, L. <i>Silphium</i> solidagino- ides, L.]	smooth,	-	-	lut.	foliis oppositis ovatis, serratis, triplinerviis.	-	flo. Julio.



## ORDO III.—POLYGAMIA FRUSTRANEA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
356 HELIANTHUS, - - -	SUN-FLOWER, - - -	Dicotyl.	Corymbiferae.	imbric.	radiat.	-	-
1 mollis, Willd. 2 } H. tomentosus, Mich.	soft-leaved, - - -	-	-	-	lut.	foliis ovatis acuminatis triplinerviis, supra scabris, subtus cano-pubescentibus, molissimis.	flo. Julio.
2 trachelifolius, Willd. 2	throatwort-leaved, - - -	-	-	-	lut.	foliis ovato-lanceolatis, acuminatis, serratis, triplinerviis, utrinque scaberrimis.	flo. Augusto
3 divaricatus, L. 2	rough-leaved, - - -	-	-	-	lut.	foliis oppositis, sessilibus ovato-oblongis vel lanceolatis trinerviis, scabris.	flo. Augusto
4 annuus, C. ③	annual, common large, - - -	-	-	-	lut.	foliis cordatis.	flo. Junio.
357 RUDBECKIA, - - -	RUDBECKIA, - - -	Idem.	Idem.	imbric.	radiat.	-	-
1 laciniata, L. 2	jagged-leaved, - - -	-	-	-	lut.	foliis sub-pinnato-lacinatis, segmentis ovali-lanceolatis.	flo. Augusto
2 pinnata, Mich. 2	pinnate, - - -	-	-	-	lut.	foliis laciniato-pinnatis, segmentis lanceolatis.	flo. Augusto
358 COREOPSIS, - - -	THICK-SEED-SUN-FLOWER, - - -	Idem.	Idem.	subimbric.	radiat.	-	-
alternifolia, L. 2 } Verbesina coreopsis, [Mich.]	alternate-leaved, - - -	-	-	-	lut. vel alb.	foliis lanceolatis, serratis, alternis; caule alato.	flo. Augusto
359 CENTAUREA, - - -	CENTAURY; KNAP-WEED. - - -	Idem.	Cinarocephalae.	imbric.	difform.	-	-
benedicta, L. Hort. ③	Blessed Thistle. - - -	-	-	-	lut.	foliis semi-decurrentibus, denticulato-spinosis.	flo. Junio.
360 CALENDULA, - - -	CALENDULA, - - -	Idem.	Corymbiferae.	polyph.	-	-	-
officinalis, L. ③	official; common Soup-marigold.	-	-	-	lut.	seminibus cymbiformibus.	-

## CLASSIS XX.—GYNANDRIA.

## ORDO I.—MONANDRIA.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
361 ORCHIS, - - - L. 2/ }	ORCHIS, - - -	Monocoty.	Orchideae.	spath.	-	caps. oblong. 1-loc. 3-val.	flo. Augusto
1 ciliaris, - - - L. 2/ }	yellow-fringed,	-	-	-	labello tripartito, laciniis multipartitis.	-	-
2 blephariglotis, Willd. }	white-fringed,	-	-	alb.	labello lanceolato, ciliato.	-	flo. Augusto
O. ciliaris, β. alba, Mich. }	purple-fringed, purple-tattered, fimbriated,	-	-	purp.	labello tripartito, laciniis cuneiformibus ciliatis.	-	flo. Julio.
3 fimbriata, - Ait. 2/ }	pale, low, shewy,	-	-	rosea.	foliis radicalibus binis ovalibus.	-	flo. Maio.
4 spectabilis, L. }	three-toothed, dentated,	-	-	alb.	labello lanceolato apice tri-dentato.	-	flo. Augusto
O. humilis, Mich. }	ragged,	-	-	alb.	labello elongato tripartito cal-care longiudine germinis.	-	flo. Julio.
5 tridentata, Willd. }	NEOTTIA, - - - Swa. }	Idem.	Idem.	5-pet. ring. et nect. calcar.	-	caps. oblong. 1-loc. 3-val. anthera postica.	flo. Augusto
O. clavellata, β. tridentata, Muhl. }							
6 lacera, - Mich. 2/ }							
O. physcodes, Willd. }							
362 NEOTTIA, - Swa. }	three-lobed, spiral,	-	-	alb.	labello trilobo; spica tortili.	-	flo. Augusto
1 tortilis, - Swa. }							
Satyrium spirale, Swa. }							
Ophrys aestivalis, L. }							
Limodorum præcox? [et Mich. ]							
Orchis spiralis, L. et [Walt. ]							
2 cernua, - Swa. 2/ }	drooping; Ladies'-traces.	-	-	alb.	labello oblongo acuto, floribus cernuis.	-	flo. Augusto
Ophrys cernua, L. et [Mich. ]							
Limodorum? autumnale, Walt. }							
3 pubescens, Willd. 2/ }	hairy, veiny-leaved; Rattle-snake-plantain.	-	-	alb.	foliis radicalibus ovatis petiolatis reticulatis: labello ovato acuminato.	-	flo. Julio.
Satyrium repens, Mich. }							



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jusseau.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
363 ARETHUSA, - - -	ARETHUSA, - - -	Monocoty.	Orchideae.	spath.	-	-	-
1 ophioglossoides, L.	Alder's-tongue, - - -	-	-	5-pet. et nect. ecalcar. purp.	caule disite bifoliato subuni- floro; foliis ovato-oblongis.	caps. ob- long. 1-loc. 3-val.	flo. Junio.
2 pendula,* - - -	drooping, - - -	-	-	alboburp.	-	-	flo. Augusto
3 verticillata, - - -	whorled, - - -	-	-	atropurp.	foliis verticillatis.	-	flo. Maio.
364 MALAXIS, - - -	MALAXIS, - - -	Idem.	Idem.	spath. O.	-	caps. pedi- cell. obl. 1-loc. an- thera oper- cularis.	-
1 unifolia, - Mich. 4 } M. ophioglossoides, [Willd.] }	one-leaved, - - -	-	-	alb.	scapo unifoliato, folio ovato- cordato, spica oblonga.	-	flo. Julio.
2 liliifolia, - Pers. 4 } Ophrys liliifolia, L. }	lily-leaved, - - -	-	-	lut. virid.	foliis binis ovato-lanceolatis; scapo triquetro; labello concavo obovato, apice acuto.	-	flo. Junio.
3 Correana, - [mih.] }	Correanian Malaxis.	-	-	virid. lut.	bulbo subrotundo, scapo bifo- liato, foliis lato-lanceolatis; spica oblonga; labello cor- dato, concavo, canalicula- to, petalis brevior.	-	flo. Junio.
365 CYMBIDIUM, - Swa. }	CYMBIDIUM, - - -	Idem.	Idem.	5-pet. erect. et nect. ealcar.	-	caps. 3-6 ca- rin. 1-loc. oblong. an- thera oper- cularis de- cidua.	-
1 pulchellum, Swa. 4 } Limodorum tuberosum, [L. et Mich.] }	tuberos, - - -	-	-	purp.	foliis radicalibus ensiformi- bus nervosis; labello erec- to.	-	flo. Julio.
2 hyemale, Willd. } Ophrys hyemalis, L. }	Winter-green; Adam & Eve.	-	-	viridi-lutes.	folio unico radiale ovato, et facie foliorum veratri; la- bello obovato. Secundum Willd. foliis radicalibus geminis.	-	flo. Maio.
3 odontorhizon, Willd. } Ophrys coralorrhiza, [Mich. nec L.] }	large tooth-rooted,	-	-	purp.	scapo vaginato aphylo; label- lo ovato obtuso.	-	flo. Septem- bri.

Obs. Varietas  $\beta$ . Ophrys Loeselii referenda; manifeste differt ab ea, cui etiam  
valde similis. Notissima divergentia, in forma et magnitudine labelli.  
Spica pauciflora; florum color hercaceus, petalis sublaescentibus; scapus quad-  
ringularis; folia obsolete plicata.  
Habitat in umbrasis sylvarum vicinitate Philadelphiae, florens Junio.

Obs. Planta varietalis.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
4 corallorhiza,* Willd. Ophrys corallorhiza. [L. nec Mich.]	small coral-rooted,	-	-	-	scapo vaginato aphyllor; labello oblongo acuto.	-	fl. Augusto
ORDO II.—DIANDRIA.							
366 CYPRIPEDIUM,	LADIES'-SLIPPER, NOAH'S-ARK	-	-	-	-	-	-
1 acaule, - Ait. 2 C. humile, Swa. Salis. [et Willd.]	stemless, dwarf, low, purple,	-	-	4-5-pet. et nect. ven- tricos.	scapo aphyllor unifloro: foliis radicalibus geminis, oblongis, obtusis.	caps. obovat. 1-loc. 3-val.	fl. Maio.
2 pubescens, Willd. 2 C. flavescens, Pl. liliac. }	hairy, yellow,	-	-	nect. lut.	caule folioso; labell. petalis brevior compresso.	-	fl. Maio.
ORDO III.—HEXANDRIA.							
367 ARISTOLOCHIA,	BIRTHWORT,	Idem.	O.	1-pet.	-	caps. 6-an- gul. 6-loc.	fl. Junio.
serpentaria, Willd. 2	Snake-root,	-	-	purp.	foliis cordatis oblongis acuminatis; pedunculis radicalibus.	-	-
CLASSIS XXI.—MONOECIA.							
ORDO II.—DIANDRIA.							
368 LEMNA,	DUCK-MEAT,	Idem.	1-ph.	O.	-	caps. glo- bos. 1-loc.	-
minor, - L. 2	small,	-	-	-	foliis ellipticis, basi cohaerentibus.	2-sperm.	-
ORDO III.—TRIANDRIA.							
369 TYPHA,	CATS'-TAIL,	Idem.	mascul. 3-ph.	O.	-	fructus cy- lindr. sem. ovat. 1.	fl. Junio.
latifolia, - L. 2	broad-leaved; Water-flag; Reed-mace.	-	-	-	foliis subsensiformibus; spica mascula femineaeque approximatis. Willd.	-	-
370 SPARGANIUM,	BUR-REED,	Idem.	3-ph.	O.	-	drup. exsusc. 1-sperm.	fl. Junio.
ramosum, - Sm. 2	branching,	-	-	-	foliis basi triquetris: pedunculo communi ramoso.	-	-



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
371 ZEA, - - - Willd. ☺	INDIAN-CORN; MAIZE.	Monocoty.	2-val.	2-val.	-	recep. com- mun. sem. subrotund.	
mays, - - - Willd. ☺	- - -	-	-	-	foliis integerrimis.	-	
α. autumnalis, - - -	late, - - -	-	-	-	-	-	flo. Augusto
β. æstivalis, - - - Pers. }	early, - - -	-	-	-	-	-	flo. Junio.
β. præcox, - - - Pers. }	- - -	-	-	-	-	-	
372 CAREX, - - -	SEDGE; SEG.	Idem.	val.	O.	-	sem. l, ovat. acut. tri- quet.	
1 scoparia, - - - Willd. 4	broom-like, - - -	-	-	-	spiculis subquinis alternis, el- lipticis obtusis.	-	flo. Junio.
2 multiflora, Willd. 4	many-flowered, - - -	-	-	-	fructibus ovatis acuminatis bicuspidatis.	-	flo. Maio.
3 rostrata, - Mich.	beaked, - - -	-	-	-	spicis fem. duabus subsessi- libus, macula sessili.	-	flo. Maio.
4 folliculata, - L. 4	round-spiked, - - -	-	-	-	spiculis fem. 1-3. mascula unica.	-	flo. Junio.
Obs. Multæ alia nendum rite deter- minatæ.							
373 COMPTONIA, - - -	COMPTONIA, - - -	Dicoty.	mas. 2-ph. fem. 6-ph. ament.	O.	-	nux ovalis, 1-loc. eval- vis.	
asplenifolia, - Ait. 4	fern-leaved; Sweet-fern;	-	-	-	foliis lineari-lanceolatis pro- funde dentatis.	-	flo. Aprili.
Liquidambar [folium, L.]	Sweet-ferry; Fern-leav- ed-gale.	-	-	-	-	-	
374 SERPICULA, Pers. et Muhl.	SERPICULA, - - -	Idem.	mas. 4-dent. mas. 4-pet. fem. 4-part fem. 3-pet.	mas. 4-pet. fem. 3-pet.	-	nux cylindr. 1-loc.	
verticillata, - Pers. }	- - -	-	-	-	-	-	
Elodia Canadensis, Mich.	whorled-leaved, - - -	-	-	alb.	foliis verticillatis lineari-ova- tis.	-	flo. Junio.
Hottonia serrata, Willd.	- - -	-	-	-	foliis linearibus.	-	flo. Junio.
[Syn. 1, p. 171.]	narrow-leaved, - - -	-	-	-	-	-	
β. angustifolia, - - -	- - -	-	-	-	-	-	
375 ALNUS, - - -	ALDER, - - -	Idem.	1-ph.	mas. 4-part. fem. O.	-	strobilus, sem. angul.	
serrata, - Willd. 4	- - -	-	-	-	-	-	
Betula serrata, Ait.	sawed-leaved, common; Ha- zel-alder.	-	-	-	foliis obovatis acuminatis.	-	
B. rugosa, Ehrhart.	- - -	-	-	-	-	-	

## ORDO IV.—TETRANDRIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
376 <i>BUXUS</i> , - - - L. ♀ sempervirens, C.	Box, - - - common, - - -	Euphorbiac.	mas. 3-ph. fem. 4-ph.	mas. 2-pet. fem. 3-pet.	- - - foliis ovatis.	caps. subrotund. 3-loc.	
377 <i>BOEHMERIA</i> , - - - cylindrica, - Willd. 2 } <i>Urtica cylindrica</i> , L. }	BOEHMERIA, - - - cylindrical, - - -	Urticac.	mas. 4-part. fem. O.	O.	- - -	sem. 1, subrotund. marginat.	fl. Augusto
378 <i>URTICA</i> , - - - L. ☹ 1 pumila, - L. ☹ 2 dioica, - L. 2	NETTLE, - - - pellucid; Rich-weed. common, - - -	Idem.	mas. 4-ph. fem. 2-val.	4-pet.	- - - foliis oppositis, ovato-oblongis acuminatis, dentatis, glabris.	sem. 1, ovat. nitid.	fl. Augusto
3 Canadensis, L. 2	Canadian, - - -	Idem.	- - -	- - -	foliis oppositis ovatis acuminatis trinerviis serratis.	- - -	fl. Augusto
379 <i>MORUS</i> , - - - L. ♀ 1 alba, C. - L. 2 rubra, - - L.	MULBERRY, - - - white, - - - red, - - -	Idem.	mas. 4-part. fem. 4-ph.	- - -	foliis alternis cordato-ovatis.	- - - bacca.	fl. Septembri.
					foliis profunde cordatis.	- - -	fl. Maio.
					foliis cordatis ovatis acuminatis.	- - -	fl. Maio.
ORDO V.—PENTANDRIA.							
380 <i>XANTHIUM</i> , - - - L. ☹ strumarium, - L. ☹	CLOTWEED. - - - Lesser Burdock.	Corymbiferae.	squam.	5-fid.	- - -	drupa sicca aculeata.	fl. Septembri.
381 <i>AMBROSIA</i> , - - - L. ☹ 1 trifida, - - L. ☹ 2 artemesifolia, Willd. ☹ A. absinthifolia, Mich. }	AMBROSIA; HOGWEED. trifid-leaved, Wormwood-leaved,	Idem.	1-ph.	5-fid.	caule inermi, foliis cordatis trinerviatis, asperis.	nux subovat coronata dentibus 5.	fl. Septembri.
382 <i>AMARANTHUS</i> , - - - L. ☹ 1 albus, - Willd. ☹	AMARANTH, white, - - -	Idem.	3-5-ph.	O.	foliis trilobis serratis. foliis bipinnatifidis subtus cavalescentibus.	caps. ovat. 1-loc. circumsciss. 1-sperm.	fl. Septembri.
		Amaranthi.			foliis obovatis.	- - -	fl. Augusto



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 hybridus, L. et Willd. ☉	cluster-flowered,	-	-	-	foliis ovato-lanceolatis.	-	fl. Augusto
3 spinosus, Willd. ☉	prickly,	-	-	-	racemis terminalibus compositis, axillis spinosis.	-	fl. Augusto
<b>ORDO VI.—HEXANDRIA.</b>							
383 ZIZANIA,	AMERICAN-RICE,	Monocoty.	-	2-val.	-	sem. oblong. nuda.	-
aquatica, L. (sp. pl. 1408.)							
Z. palustris, L. (man-							
[issa, 2, 295.)							
Z. palustris, Schreber.	Water-oats; Wild-oats; Wild-rice.	-	-	-	panicula inferne ramosa; superne spicata.	-	fl. Septembri.
(Gram. p. 54, tab. 29.)							
Z. clavulosa? Muhl.							
<b>ORDO VII.—POLYANDRIA.</b>							
384 MYRIOPHYLLUM,	WATER-MILFOIL,	Acoty.	4-ph.	-	-	sem. 4, oblong. nud.	-
heterophyllum? Mich.							
Potamogeton verticillatum? Walt.	various-leaved,	-	-	-	foliis inferioribus capillaceopinnatis; superioribus ovatis, argute serratis.	-	-
385 SAGITTARIA,	ARROW-HEAD,	Monocoty.	3-ph.	3-pet.	-	recep. globos. sem. compress.	fl. Julio.
1 sagittifolia, Mich. 2	pointed,	-	-	alb.	foliis sagittatis, auribus dependentibus.	-	fl. Julio.
var. β. latifolia,	broad-leaved,	-	-	alb.	foliis sagittatis lobis latis.	-	fl. Julio.
2 obtusa,	blunt-leaved,	-	-	alb.	foliis ovatis rotundato-obtusis sagittatis.	-	fl. Augusto
3 acutifolia, Pur. et Willd. } S. graminifolia, Muhl. }	sharp-leaved,	-	-	alb.	foliis subulatis basi vaginantibus, dorso convexis; scapo simplici paucifloro, floribus monoicis bracteis dilatatis acuminatis. <i>Pursh.</i>	-	fl. Augusto
Obs. Species magnitudine perquam variam. Vidi sub floradone, vix ultra uncinem.							
4 lancifolia,	-	-	-	alb.	foliis lato-lanceolatis, inferne angustatis.	-	fl. Julio.
386 FAGUS, Tourn. Gaert.	BEECH,	Dicoty.	mas. 6-fid. fem. 4-fid.	O.	-	nucis 2, triquer.	-
ferruginea? Willd. h	rusty-leaved,	-	-	-	foliis ovatis acuminatis, subtus pubescentibus serratis.	-	fl. Maio.

Systematick Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calix.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
387 CASTANEA, Tourn. Gaert.	CHESNUT,						
vesca: <i>Americana</i> , Mich. h	common,		mas. fem. 5-6-ph.	5-pet.	-	nucis 2, 3, hinc con-	
388 QUERCUS, - h	OAK,				foliis lanceolatis, acuminatis serratis.	- vexa.	flo. Junio.
1 phellos, - L.	willow-oak,	<i>Idem.</i>	mas. 5-fid. fem. 6-fid.	O.	-	nux.	
2 alba, - L.	white,				foliis lineari-lanceolatis, integerrimis, glabris.	-	flo. Maio.
3 Banisteri, Mich. et f. } Q. ilicifolia, Willd. }					foliis subæqualiter pinnatifidis; laciniis oblongis obtusis, pierunque integerrimis.	-	flo. Maio.
4 prinus monticola, Mich. f. } Q. montana, Willd. }	bear, barren; Black-scrub; Dwarf-red; running,				foliis longe petiolatis, acutangulo-quinquelobis, marginæ integris.	-	flo. Maio.
5 prinus palustris, Mich. f. } Q. prinus, Willd. }	Rock-chesnut,				foliis obovatis acuis, grosse dentatis, dentibus subæqualibus.	-	flo. Maio.
6 tinctoria? - Bartr.	Chesnut-white; Swamp-chesnut; White-oak, (in Georgia.)				foliis oblongo-ovalibus, acuminatis acutisve, subumformiter dentatis.	-	flo. Maio.
7 prinus discolor, Mich. f. } [nec Willd. }	black, dyers,				foliis profunde sinuosis.	-	flo. Maio.
Q. prinus tomentosa, [Mich. Willd. }	swamp-white,				foliis oblongo-ovatis; subtus albo-tomentosis.	-	flo. Maio.
Q. bicolor,							
8 palustris, Du Roi, Mich. } [et allia. }	swamp; Pin; Swamp-Spanish; Dwarf-swamp,				foliis profunde sinuatis, glabris, sinubus latis.	-	flo. Maio.
389 CARPINUS, - -	HORN-BEAM,	<i>Idem.</i>	squam. ament.	fem. 3-fid.	-	nux ovata sulcata.	
Americana, - Mich. h	American,				foliis oblongo-ovalibus.	-	flo. Aprili.
390 PLATANUS, - -	PLANE-TREE,	<i>Idem.</i>	squam.	pluripetal.	-	fructus globos. sem. subrotund	
occidentalis, - L. h	lobed, Button-wood; Sycamore; Water-beech; Cotton-tree.				foliis lobato-angulosis.	-	flo. Maio.
391 JUGLANS, - - h	WALNUT,	<i>Idem.</i>	mas. 6-part. fem. 4-fid.	mas. O. fem. 4-fid.	-	drupa sicca, nux maxima.	
1 regia, Cie. - L.	common,				foliis subovatis ovalibus, glabris, subserratis.	-	flo. Maio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 <i>nigra</i> , - - L.	black round-fruited,	-	-	-	foliolis subcordatis, superne angustatis, serratis.	-	flo. Maio.
3 <i>cathartica</i> , Cutler et [Mich. f. L.]	white; Butter-nut; Oil-nut.	-	-	-	foliolis lanceolatis basi rotundato-obtusis.	-	flo. Maio.
4 <i>squamosa</i> , Mich. f. Gaert. [et Willd.]	Shell-bark Hickory; Shag-bark Hickory; Scaly-bark Hickory.	-	-	-	foliolis longe petiolatis, ovato-acuminatis, serratis subtus villosis.	-	flo. Maio.
5 <i>laciniosa</i> , Mich. f. J. compressa, $\beta$ . macrocarpa, }	thick Shell-bark Hickory.	-	-	-	foliolis ovato-acuminatis, serratis, subtomentosis.	-	flo. Maio.
6 <i>tomentosa</i> , Mich. et f. Willd. }	common Hickory; Mockernut Hickory; White-heart Hickory.	-	-	-	foliolis læviter serratis, subtus conspicue villosis.	-	flo. Maio.
7 <i>porcina</i> , Mich. f. Muhl. }	smooth Hickory; red Hickory; Pig-nut; Hog-nut; Broom Hickory.	-	-	-	foliolis ovato-acuminatis, serratis, glabris.	-	flo. Maio.
392 <i>BETULA</i> , - - -	BIRCH, - - -	<i>Dicoty.</i>	squama.	squama.	- - -	ament. sem. alat.	
<i>populifolia</i> ? - Ait. h.	poplar-leaved; Broom,	-	-	-	- - -	-	
393 <i>CORYLUS</i> , - - -	HAZEL, - - -	<i>Idem.</i>	squama.	O.	- - -	nux. ovat.	
1 <i>avellana</i> , * C. - L.	common, - - -	-	-	-	foliis subrotundis cordatis, acuminatis.	-	flo. Aprili.
2 <i>Americana</i> , - Walt.	American, - - -	-	-	-	foliis lato-cordatis.	-	flo. Aprili.
394 <i>LIQUIDAMBAR</i> , - - -	SWEET-GUM, - - -	<i>Idem.</i>	4-ph.	O.	- - -	caps. ovat. 1-loc.	
<i>styraciflua</i> , - L. h.	maple-leaved; Bilstead.	-	-	-	foliis palmatis, lobis acuminatis.	-	flo. Maio.
395 <i>POTERIUM</i> , - - -	BURNET, - - -	<i>Idem.</i>	4-ph.	mas. 4-part. fem. 5-part.	- - -	bacca exsucca angulata.	
<i>sanguisorba</i> , C. L. 4	garden, common, - - -	-	-	-	caulibus subangulosis.	-	flo. Junio.
396 <i>ARUM</i> , - - -	WAKE-ROBIN. - - -	<i>Monocoty.</i>	spatha.	O.	- - -	bacca globosa 1-loc. polysperm.	
1 <i>dracontium</i> , Willd. 4	Green-dragon; Dragon-root.	-	-	-	foliis pedatis; spadice subulato.	-	flo. Junio.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 triphyllum, L. 2 var. $\alpha$ . virens, $\beta$ . atropurpurea, Pers. } [atrorubens, Muhl. }	three-leaved; Indian-turnip.	-	-	-	foliis ternatis integerrimis.	-	flo. Maio.
397 CALLA, - - -	- - -	-	-	-	spatha virescente.	-	-
Virginica, Mich. 2 } Arum Virginicum, L. }	- - -	-	-	-	spatha atropurpurea.	-	flo. Maio.
	CALLA, - - -	Monocoty.	spath.	O.	- - -	bacca pul- posa 1-loc. polysperm.	-
	Virginian, - - -	-	-	-	foliis hastato-cordatis acutis, angulis obtusis.	-	flo. Junio.
ORDO VIII.—MONADELPHIA.							
398 PINUS, - - - 2 1 inops, - L. et Ait.	PINE, - - -	Coniferae.	squam.	O.	- - -	strobilus, sem. nux.	flo. Maio.
2 mitis, - Mich.	Jersey, scrub,	-	-	-	foliis binis crassiusculis stro- bilis fuscis.	-	-
3 rupestris, Mich. f. } P. Banksiana, Lam. }	short-leaved, yellow, spruce,	-	-	-	foliis binis tenuiusculis stro- bilis sub-rubris.	-	flo. Maio.
399 THUJA, - - - 2	grey, - - -	-	-	-	foliis binis rigidis, uncialibus strobilibus cinereis.	-	flo. Maio.
occidentalis, Hort. L.	ARBOR-VITAE; TREE OF LIFE.	Idem.	squam.	O.	- - -	strobilus, sem. obl.	flo. Maio.
400 CUPRESSUS, - - - 2	American; White Cedar.	-	-	-	foliationis articulis suborbi- culatis.	-	-
1 disticha, - Hort. L.	CYPRESS, - - -	Idem.	squam.	O.	- - -	strobilus, sem. obl.	flo. April.
2 thyoides, - L.	deciduous, American, bald, White Cedar; Juniper.	-	-	-	foliis planis, quasi pinnatis distichis.	-	flo. Maio.
401 ACALYPHA, - - -	THREE-SEEDED-MERCURY,	Idem.	3-4-ph.	O.	foliis squamulatis imbrica- tis.	-	-
1 Virginica, - L. ☉	Virginian, - - -	-	-	-	- - -	caps. sub- rotund. 3-loc.	flo. Augusto
2 Caroliniana? Walt. ☉	Carolinian, - - -	-	-	-	foliis ovato-lanceolatis, petio- lo longioribus.	-	flo. Augusto
402 RICINUS, - - -	- - -	-	-	-	foliis longe petiolatis, sub- rhomboideo-ovalibus, ser- ratis.	-	-
communis, Hort. L. ☉	PALMA-CHRISTI, common, - - -	Idem.	mas. 5-part. fem. 3-part	O.	- - -	caps. acule- at. 3-loc. 3-val.	flo. Junio.



<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
403 CUCURBITA,	Gourd, - - -	Dicoty.	Cucurbitaceae	5-fid.	- - -	pomum 3-loc. sem. obtus.	
1 lagenaria, Hort. L. ☺	Bottle; common Calabash.	-	-	alb.	foliis cordatis, rotundato-obtusis, pubescentibus.	-	flo. Augusto
2 pepo, C. ☺	Pumpkin.	-	-	lut.	foliis cordatis obtusis sub-quinquelobis, denticulatis.	-	flo. Augusto
3 verrucosa, C. ☺	Warted Squash.	-	-	lut.	foliis cordatis profunde quinquelobis.	-	flo. Julio.
4 melopepo, C. ☺	Squash Gourd.	-	-	lut.	foliis cordatis obtusis sub-quinquelobis denticulatis pomis depresso-nodosis.	-	flo. Julio.
5 citrullus, C. ☺	Water-melon.	-	-	lut.	foliis quinquelobis, lobis sinuato-pinnatifidis obtusis.	-	flo. Julio.
404 CUCUMIS, - - -	Cucumber, - - -	Idem.	5-dent.	5-part.	- - -	pomum 3-loc. sem. ovat. acut.	
1 melo, C. ☺	melon; Musk-melon.	-	-	lut.	foliorum angulis rotundatis.	-	
2 sativus, C. - L. ☺	common,	-	-	lut.	foliorum angulis rectis.	-	

## CLASSIS XXII.—DIOECIA.

## ORDO I.—DIANDRIA.

405 VALLISNERIA, - - -	VALLISNERIA, - - -	Monocoty.	Hydrocharitides.	spath.	-	mas. 3-part. fem. 3-part.	caps. cylindr. 1-loc.	flo. Augusto
Americana, Mich. 2	American; Tape-grass.	-	-	-	foliis longissimis linearibus; pedunculis obsolete spiralibus.	-	-	
406 SALIX, - - -	WILLOW, - - -	Dicoty.	Amentaceae.	squam.	-	O.	caps. 1-loc. 2-val. sem. papp.	
1 vitellina, Cic. L.	yellow,	-	-	-	foliis serratis ovato-lanceolatis: ramis flavis.	-	-	flo. Aprili.
2 Babylonica, Cic. L.	weeping,	-	-	-	foliis serratis, glabris, linearilanceolatis, ramis pendulis.	-	-	flo. Aprili.
3 longirostris, Mich. } S. humilis, Marsh. } S. alpina? Walt. }	dwarf American,	-	-	-	foliis subsessilibus, longiuscule lanceolatis, subcuneatis.	-	-	flo. Aprili.
4 eriocephala, Mich. } conifera, Muhl. }	cone-bearing, swamp,	-	-	-	foliis oblongo-ovalibus; ramulis minutim tomentosis.	-	-	flo. Aprili.

## ORDO III.—PENTANDRIA.

Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Caliz.	Corolla.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
407 SPINACIA,	-	-	-	-	-	sem. 1-intra cal. induratum.	-
oleracea, C.	- L. ☉	-	-	-	fructibus sessilibus.	-	-
408 ACNIDA,	-	-	-	-	-	sem. 1, rotund. compress.	-
1 cannabina,	- L. ☉	-	mas. 6-fid. fem. 2-fid.	O.	-	-	fl. Julio.
2 rusocarpa,	Mich. ☉	-	-	-	foliis lanceolatis; fructibus glabris.	-	fl. Julio.
409 HUMULUS,	-	-	-	-	foliis ovali-lanceolatis; fructibus rugosis.	-	-
lupulus, - Hort. L. ♀	-	-	mas. 5-ph. fem. 1-ph.	O.	-	sem. subrotund.	fl. Augusto
410 ILEX,	-	-	4-dent.	rotata,	-	bacca 4-loc. 4-sperm.	-
opaca,* Mich. et Ait. ♀	-	-	-	alb.	foliis ovalibus rigide dentato-spinosis.	-	fl. Maio.
411 CANNABIS,	-	-	mas. 5-part. fem. 5-ph.	O.	-	nux 2-val.	-
sativa, C.? - L. ☉	-	-	-	-	foliis digitatis.	-	fl. Julio.

## ORDO IV.—HEXANDRIA.

412 SMILAX,	-	-	5-6-ph.	O.	-	bac. globos. 3-loc.	fl. Junio.
1 rotundifolia,	Walt. ♀	-	-	-	foliis subrotundatim cordato-ovalibus acutis, glaberrimis; ramis angulosis.	-	-
5 caduca,	- Willd.	-	-	-	caule aculeato tereti, foliis ovatis mucronatis quinque-nerviis.	-	fl. Junio.
3 peduncularis,	Willd. ♀	-	-	-	caule inermi tereti, foliis subrotundo-ovatis cordatis acuminatis novemnerviis; pedunculis longissimis.	-	-
S. pulverulenta, Mich. S. herbacea, Walt.?	[et Muhl.]	-	-	-	foliis quasi cordato-ovalibus, acuminatis glabris; ramis subteretibus.	-	fl. Maio.
4 glauca,	- Walt. ♀	-	-	-	-	-	-



Systematic Names.	English, Vulgar, and Vernacular Names.	Natural Families of Jussieu.	Calif.	Covella.	Form of the Leaves, &c.	Fruit.	Time of Flowering.
413 DIOSCOREA, villosa, L. 2 D. paniculata, Mich. D. quaternata et quaternata, (mel. et Walt.) var. $\beta$ . glabra, - 2	YAM-ROOT, hairy, smooth-leaved,	Dicoty.	Asparagi.	6-part.	O.	caps. 3-angul. 3-loc. 3-val.	flo. Junio. flo. Julio.
ORDO V—OCTANDRIA.							
414 POPULUS, 1 dilatata, Cic. 2 candidans, Hort. Ait.	POPLAR, Lombardy, heart-leaved Balsam; Athenian Poplar.	Idem.	Amentaceae.	squam.	O.	caps. ovat. 2-val. sem. papp.	flo. Aprili.
415 JUNIPERUS, Virginiana, - Mich. 2	JUNIPER, Virginian; Red-cedar.	Idem.	Coniferae.	Imas. squam. fem. 3-part	mas. O. fem. 3-part	bacca.	flo. Maio.
ORDO VIII—MONADELPHIA.							
CLASSIS XXIII.—POLYGAMIA.							
ORDO I.—MONOECLA.							
416 VERATRUM, viride, - Ait. 2 V. album, Mich. nec L. }	HELLEBORE, green-flowered, swamp; Poke-root; Indian-poke.	Monocoty.	Junci.	O.	6-pet.	caps. 3, obl. 1-loc. 1-val.	flo. Maio.
417 ACER, - - - rubrum, - L. 2	MAPLE, red-flowered, scarlet, white, red, soft, swamp	Dicoty.	Acera.	3-fid.	5-pet.	caps. basi coalitae alat.	flo. Aprili.
ORDO II.—DIOECLA.							
418 GLEDITSIA, 1 triacanthos, L. G. spinosa, Marsh. }	LOCUST; GLEDITSIA. sweet, honey, triple-thorned,	Idem.	Leguminosae.	her. 4-fid. fem. 3-ph.	her. 4-pet. mas. 3-pet.	leg. disse-pim. transvers.	flo. Maio.

<i>Systematic Names.</i>	<i>English, Vulgar, and Vernacular Names.</i>	<i>Natural Families of Jussieu.</i>	<i>Calix.</i>	<i>Corolla.</i>	<i>Form of the Leaves, &amp;c.</i>	<i>Fruit.</i>	<i>Time of Flowering.</i>
2 monosperma, Hort. G. aquatica, [Walt. Marsh.]	one-seeded, water,	-	-	virid.	ramis subspinosis; legumini- bus monospermis.	-	fl. Maio.
419 FRAXINUS, American, Mich. f. h <sub>2</sub> F. discolor, Muhl. }	Ash, - - - - - white, - - - - -	Dicotyl.	4-part.	4-pet. v. O.	- - - - - foliolis integerrimis longe acuminatis, petiolatis.	caps. ovat. oblong.	fl. Maio.
420 DIOSPYROS, - - - - - Virginiana, - h <sub>2</sub>	PERSIMON, - - - - - common, - - - - -	Idem.	4-fid.	4-fid.	- - - - - foliis ovatis, obtusiusculis, nitidis; petiolis pubescen- tibus.	bac. globos. 8-loc.	fl. Junio.
421 NYSSA, - - - - - 1 aquatica, L. et Mich. f. } N. biflora, Mich. }	TUPELO, - - - - - large; Gum-tree; Sour-gum; Pepperidge.	Idem.	5-part.	O.	- - - - - foliis ovalibus, integerrimis.	drupa.	-
2 sylvatica, Mich. f. } N. villosa, Mich. } N. montana, Hort. }	Gum; Black-gum; Sour- gum; Swamp Hornbeam.	-	-	-	- - - - - foliis ovalibus, integerrimis; petiolo nervoque, margi- neque villosis.	-	fl. Maio.
423 PANAX, - - - - - trifolium, - Mich. 4	GINSENG, - - - - - three-leaved, - - - - -	Idem.	-	5-pet.	- - - - - pusillum; foliis ternis rarius quinis.	bac. cordata 2-loc.	fl. Aprili.
ORDO III.—TRIOECIA.							
423 FIGUS, - - - - -	FIG-TREE, - - - - -	Idem.	mas. 3-spat. fem. 5-spat.	O.	- - - - -	fructus utri- culus 1-sperm.	-
carica, C. - L. h <sub>2</sub>	common, - - - - -	-	-	-	foliis cordatis triquinque-lo- bisve.	-	-



## CLASSIS XXIV.—CRYPTOGAMIA.

## FILICES.—(Natural Family Filices.)

424 POLYPODIUM, 1 Virginicum, var. vulgare, 2 hexagonopterum,	- - L. Mich.	POLYPODY, Virginian, common, hexagonal,	428 ONOCLEA, sensilis, 429 ADIANTUM, pedatum, 430 DIKSONIA, pilosiuscula, Nephrodium punctulo- [sum, Mich.]	- - L. L. Willd. [sum, Mich.]	ONOCLEA, sensitive; Sensitive-Fern. MAIDEN-HAIR; Mowhair, common, DICKSONIA, small-fruited,	(MUSCL.) 435 SPHAGNUM, 436 POLYTRICHUM, 437 BARTRAMIA, 438 MNIUM, 439 BRIUM, 440 HYNUM,
425 ASPIDIUM, 1 acrostichoides, Nephrodium acrosti- [choides, Mich.] 2 marginale, Polytrichum marginale, L. Nephrodium marginale, [Mich.] 3 intermedium, 4 noveboracense, 5 asplenoides, 6 bulbiferum,	- Muhl. [Mich.] Swa. L. [Mich.] Muhl. -	SHIELD-FERN, terminal, marginal, New-York, dark, bulb-bearing,	431 OSMUNDA, 1 interrupta, O. Claytonia, 2 cinnamomea, 3 regalis, O. spectabilis, 431 BOTRYPTUS, Virginicus, Osmunda Virginica, L. Botrychium Virginicum, [Muhl.]	- - Mich. L. L. Muhl. Mich. Mich. L. [Muhl.]	OSMUNDA, interrupted, tall, royal, BOTRYPTUS, Virginian,	(HEPATICE.) 441 JUNGGERMANIA, 442 RICCIA, frutans, natans. (ALGÆ.) 443 FUCUS, vesiculosus.
426 ASPLENIUM, 1 rhyzophyllum, 2 ebenum, Asplenium trichoma- [noides, Mich.] 3 melanocaulon, Asplenium trichomanes, [Mich.]	- L. Ait. [Mich.] Muhl. [Mich.]	SPLEENWORT, rooting-leaved, ebony, dwarf,	433 LYCOPODIUM, 1 lucidulum, 2 dendroideum? 3 clavatum, 4 complanatum, 5 rupestre, 434 EQUISETUM, 1 sylvaticum, 2 arvense, 3 hyemale,	- - Mich. Mich. L. L. L. - L. - L.	CLUB-MOSS, shining, common, flat, HORSE-TAIL, wood, field, rough, Sour-grass; Scour- ring-rush.	(LICHENES.) 444 LICHEN, 1 floridus, 2 coccineus, (FUNGI.) 445 AGARICUS, 446 BOLETUS, 447 PEZIZA,
427 PTERIS, 1 atropurpurea, 2 aquilina,	- L. L.	BRAKE, dark-purple, common,				

## ADDENDA.

- 448 PROSERPINACA palustris, to be inserted before *Mollugo*, p. 24.  
 449 AIRA præcox and AIRA pallens, to be inserted after *Trichodium*, p. 21.  
 AVENA { glumosa, Mich. } to be inserted under the genus AVENA, p. 23.  
           { spicata, L. et Muhl. }  
 PANICUM anceps, to be inserted under the genus PANICUM, p. 20.  
 450 AMMANIA humilis,\* to be inserted between *Ludwigia* and *Isnardia*, p. 26.

## CORRIGENDA.

- Add "Hort." after *Blitum virgatum*, p. 13; also after *Cornus Canadensis*, p. 26.  
 First line of the observation to GLYOINE parabolica, p. 71, for *rescit* read  
 "crescit."  
 Page 90, last line of *ZIZANIA aquatica*, (383,) for "*Z. clavulosa?* Muhl." read  
 "*Z. clavulosa*, Mich. et Muhl."

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N. B. The words of the Index in italics are synonymes, and are only to be found under other generic terms.

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